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Search Report
EIC 3600

STIC Database Tracking Number: 356301

To: Dilek Cobanoglu
Location: KNX 5A15
Art Unit: 3626
Date: 2/ 18/ 2011
Case Serial Number: 10/ 098700

From: Janice Burns
Location: EIC3600
KNX 4B71
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Janice.Burns@uspto.gov

Search Notes

Dear Examiner:

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog.

I have listed references of *potential* interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

EIC 3600, US Patent & Trademark Office

I .	REF ERENC E S OF POTENTI AL I NTEREST	3
A.	Di al og	3
II .	I NVENTOR SEARCH RESULTS FROM DI ALOG.....	3
III .	TEXT SEARCH RESULTS FROM DI ALOG - PATENTS	7
A.	Abst ract Dat abases.....	7
B.	Ful l - Text Dat abases	14
IV .	TEXT SEARCH RESULTS FROM DI ALOG - NPL.....	32
A.	Abst ract Dat abases.....	32
B.	Ful l - t ext Dat abases	43

I. References of Potential Interest

A. Dialog

No Relevant Results found

III. Inventor Search Results from Dialog

File 347: JAPI O Dec 1976-2010/ Oct (Updated 110127)
(c) 2011 JPO & JAPI O

File 350: Derwent WPI X 1963-2011/ UD=201111
(c) 2011 Thomson Reuters

File 349: PCT FULLTEXT 1979-2011/ UB=20110210| UT=20110203
(c) 2011 WPO Thomson

File 348: EUROPEAN PATENTS 1978-201106
(c) 2011 European Patent Office

File 583: Gale Group Global base(TM) 1986-2002/ Dec 13
(c) 2002 Gale/Cengage

File 474: New York Times Abs 1969-2011/ Feb 18
(c) 2011 The New York Times

File 475: Wall Street Journal Abs 1973-2011/ Feb 14
(c) 2011 The New York Times

File 35: Dissertation Abs Online 1861-2011/ Jan
(c) 2011 ProQuest Info & Learning

File 65: Inside Conferences 1993-2011/ Feb 17
(c) 2011 BLDS Call Rts. reserv.

File 99: Wilson Appl. Sci. & Tech Abs 1983-2011/ Jan
(c) 2011 The HW Wilson Co.

File 256: TechTrends 1982-2011/ Feb W
(c) 2011 Info. Sources Inc. All rights res.

File 2: INSPEC 1898-2011/ Feb W
(c) 2011 The IET

File 5: Biosis Previews(R) 1926-2011/ Feb W
(c) 2011 The Thomson Corporation

File 73: EMBASE 1974-2011/ Feb 18
(c) 2011 Elsevier B.V.

File 155: MEDLINE(R) 1950-2011/ Feb 16
(c) format only 2011 Dialog

File 34: SciSearch(R) Cited Ref Sci 1990-2011/ Feb W
(c) 2011 The Thomson Corp

File 434: SciSearch(R) Cited Ref Sci 1974-1989/ Dec
(c) 2006 The Thomson Corp

File 610: Business Wre 1999-2011/ Feb 18
(c) 2011 Business Wre.

File 613: PR Newswire 1999-2011/ Feb 18
(c) 2011 PR Newswire Association Inc

File 634: San Jose Mercury Jun 1985-2011/ Feb 17
(c) 2011 San Jose Mercury News

File 810: Business Wre 1986-1999/ Feb 28
(c) 1999 Business Wre

File 813: PR Newswire 1987-1999/ Apr 30
(c) 1999 PR Newswire Association Inc

File 20: Dialog Global Reporter 1997-2011/ Feb 18
(c) 2011 Dialog

File 9: Business & Industry(R) Jul / 1994-2011/ Feb 17
(c) 2011 Gale/Cengage

File 15: ABI/Inform(R) 1971-2011/ Feb 17
(c) 2011 ProQuest Info & Learning

File 16: Gale Group PROMT(R) 1990-2011/ Feb 17
(c) 2011 Gale/Cengage

File 148: Gale Group Trade & Industry DB 1976-2011/ Feb 17
(c) 2011 Gale/Cengage

File 160: Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275: Gale Group Computer DB(TM) 1983-2011/Dec 30
 (c) 2011 Gale/Cengage
 File 621: Gale Group New Prod. Annou. (R) 1985-2011/Dec 21
 (c) 2011 Gale/Cengage
 File 636: Gale Group Newsletter DB(TM) 1987-2011/Feb 18
 (c) 2011 Gale/Cengage
 File 624: McGraw-Hill Publications 1985-2011/Feb 17
 (c) 2011 McGraw-Hill Co., Inc
 File 149: TGG Health & Wellness DB(SM) 1976-2011/Feb W
 (c) 2011 Gale/Cengage
 File 444: New England Journal of Med. 1985-2011/Feb W
 (c) 2011 Mass. Med. Soc.
 Set Items Description
 S1 7850 AU-(CUNNI NGHAM D? OR CUNNI NGHAM D?)
 S2 855 AU-(HARDEN J? OR HARDEN J?)
 S3 561 AU-(ENGLE W? OR ENGLE W?)
 S4 164 AU-(REUBEN, C? OR REUBEN C?)
 S5 0 S1 AND S2 AND S3 AND S4
 S6 9430 S1 CR S2 OR S3 OR S4
 S7 603 S6 FROM 347, 350, 349, 348
 S8 24 S7 AND I C=(G06F OR G07F OR G06Q)
 S9 12 S8 AND (MEDIA OR MEDIUM OR CARRIER OR CARRIERS OR CARD OR -
 CARDS)
 S10 8827 S6 NOT S7
 S11 392 S10 AND (MEDIA OR MEDIUM OR CARRIER OR CARRIERS OR CARD OR
 CARDS)
 S12 2 S11 AND (INACTIVE OR "NOT" (ACTIVE OR USEABLE OR USABLE OR
 ENABL? OR INABL? OR AVAILABE OR ACCESSIBLE))

9/5/3 (Item 5 from file 350) **Note Priority App**

DI ALCG(R) File 350: Derwent WPI X

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0014824141 - Drawing available

WPI ACC NO: 2005-171831/200518

Related WPI Acc No: 1998-609833; 2000-364182; 2005-201175

XRAM Acc No: C2005-055084

XRPX Acc No: N2005-143401

Prescribing and dispensing of prescription pharmaceutical products by issuing pharmaceutical product media with encoded information to prescribers, transferring activated product media, and presenting activated product media to pharmacy

Patent Assignee: CUNNI NGHAM D W (CUNN-I); TRALCARD INC (TRI A-N)

Inventor: CUNNI NGHAM D W

Patent Family (2 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20050033610	A1	20050210	US 1995556466	A	19951113	200518 B
			US 1998137095	A	19980820	
			US 2000558260	A	20000425	
			US 2004922302	A	20040819	
US 7729927	B2	20100601	US 1995556466	A	19951113	201036 E
			US 1998137095	A	19980820	
			US 2000558260	A	20000425	
			US 2004922302	A	20040819	

Priority Applications (no., kind, date): US 1995556466 A 19951113; US 1998137095 A 19980820; US 2000558260 A 20000425; US 2004922302 A 20040819

Patent Details
 Number Kind Lan Pg Dwg Filing Notes

US 20050033610 A1 EN 23 7 Division of application US 1995556466
C-I-P of application US 1998137095
Division of application US 2000558260
Division of patent US 5832449
C-I-P of patent US 6055507
Division of application US 1995556466
C-I-P of application US 1998137095
Division of application US 2000558260
Division of patent US 5832449
C-I-P of patent US 6055507
Division of patent US 6859780

Alerting Abstract US A1

NOVELTY - Prescribing and dispensing of prescription pharmaceutical products includes encoding formed pharmaceutical product media with information that identifies prescription pharmaceutical products; issuing the product media to one or more prescribers; transferring the electronically activated product media from a prescriber to a patient; and presenting the activated product media to a pharmacy that fills the prescription identified by the product media.

DESCRIPTION - Prescribing and dispensing of prescription pharmaceutical products includes forming pharmaceutical product media and encoding that media with information that identifies one or more particular prescription pharmaceutical products; issuing the pharmaceutical product media to one or more prescribers; electronically activating the pharmaceutical product media and transferring the activated pharmaceutical product media from a prescriber to a patient, where the activated pharmaceutical product media identifies one or more prescription pharmaceutical products that have been prescribed by the prescriber for the patient; and presenting the activated pharmaceutical product media to a pharmacy that fills the prescription identified by the pharmaceutical product media.

USE - For prescribing and dispensing prescription pharmaceutical products.

ADVANTAGE - The inventive method allows prescription drugs to be tracked such that appropriate reporting may be performed about the dispensation of prescription drugs outside the sample context. It contemplates the prescriber prescribing the pharmaceutical trial product to the patient and the filling of that prescription by the participating pharmacy. It manages, tracks, and records selected transactions involving the participating prescribers, pharmacies and patients.

DESCRIPTION OF DRAWINGS - The figure is a schematic illustration of a system for managing the distribution of pharmaceutical trial products.

Title Terms/ Index Terms/ Additional Words: DISPENSE; PRESCRIBED; PHARMACEUTICAL; PRODUCT; ISSUE; MEDIUM; ENCODE; INFORMATION; TRANSFER; ACTIVATE; PRESENT

9/5/7 (item 7 from file 350) *Note Priority App**

DI ALCO(R) File 350: Derwent WPI X
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0009051689 - Drawing available

WPI ACC NO: 1998-609833/199851

Related WPI Acc No: 2000-364182; 2005-171831; 2005-201175

XRPX Acc No: N1998-474422

Pharmaceutical trial products dispensing, tracking and managing method - involves using central computing station to approve distribution of trial product to patient after judging activation of trial product card presented by pharmacy using records at database

Patent Assignee: CUNNI NGHAM D W (CUNN-I)

Inventor: CUNNI NGHAM D W

Patent Family (2 patents, 26 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
US 5832449	A	19981103	US 1995556466	A	19951113	199851 B
EP 999506	A1	20000510	EP 1998308965	A	19981103	200027 NOE

Priority Applications (no., kind, date): US 1995556466 A 19951113; EP 1998308965 A 19981103

Patent Details

Number	Kind	Lang	Pg	Dwg	Filing Notes
US 5832449	A	EN	23	7	
EP 999506	A1	EN			

Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Alerting Abstract US A

The method involves forming a product trial card (18) with a specific information for identifying a particular pharmaceutical trial product. The card is then distributed to several prescribing physicians. The physicians activate the product trial card by communicatively linking the presented card with a central computing station (12) through a terminal (14). The central computing station records the encoded information from the card into the database and activates the product trial card. The activated card is then issued to a patient by the physician. The patient presents the activated card to a pharmacy. The pharmacy validates the product trial card, presented by the patient, by communicatively linking the activated card to the central computing station.

The central computing station judges the activation of the presented card. When the card is found to be activated, the dispensing of the pharmaceutical product identified by the card is approved. In the validation process, the data from the activated card is entered into the pharmacy terminal and the entered data is then transferred to the central computing station. After the validation, the trial product is dispensed to the patient. The products distributed by the pharmacies are periodically accounted with the records at the database in the central computing station.

ADVANTAGE - Manages track and record distribution of trial products effectively and efficiently. Ensures integrity and accountability of product through distribution process. Provides computerised records of selected transactions. Eliminates need for specifying specially packed drugs separately from normally packed drugs. Reduces costs associated with drug manufacturing, storing and distribution processes.

Title Terms/Index Terms/Additional Words: PHARMACEUTICAL; TRIAL; PRODUCT; DISPENSE; TRACK; MANAGE; METHOD; CENTRAL; COMPUTATION; STATION; APPROVE; DISTRIBUTE; PATIENT; AFTER; JUDGEMENT; ACTIVATE; CARD; PRESENT; RECORD; DATABASE

9/5/12 (Item 1 from file: 348)

DI ALCO R/ File 348: EUROPEAN PATENTS

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01145613

Method and system for dispensing, tracking and managing pharmaceutical trial products

Verfahren und Vorrichtung zur Verteilung, Verfolgung und Verwaltung von pharmazeutischen Versuchs-Produkten
Méthode et système de distribution, de suivi et de gestion de produits pharmaceutiques à l'essai

PATENT ASSIGNEE:

Cunningham David W, (2609390), 11929 Eagle Bluff Circle, Raleigh, North Carolina 27613, (US), (Applicant designated States: all)
INVENTOR:
 Cunningham David W, 11929 Eagle Bluff Circle, Raleigh, North Carolina 27613, (US)
LEGAL REPRESENTATIVE:
 Pidgeon, Robert John et al (55571), Appleyard Lees 15 Clare Road, Halifax West Yorkshire HX1 2HY, (GB)
PATENT (CC, No, Kind, Date): EP 999506 A1 000510 (Basic)
APPLICATION (CC, No, Date): EP 98308965 981103;
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
 LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): G06F-017/60; G06F-019/00

ABSTRACT EP 999506 A1

A new and improved method of dispensing, tracking and managing pharmaceutical product samples by communicatively linking prescribers and pharmacies to a central computing station. The present invention entails utilizing product trial media that is exchanged for actual pharmaceutical product. The media is encoded with information that identifies a particular pharmaceutical trial product, such as by magnetic encoding similar to that used with credit cards. The media is distributed to participating medical doctors or prescribers who then activate the media via the central computing station. The prescriber then transfers the activated media to patients who then present the media to participating pharmacies. Before filling the pharmaceutical trial product identified by the media, the pharmacy validates the media via a link with the central computing station. Then, the pharmacy dispenses the prescribed pharmaceutical trial product. The central computing station also includes a database that records data related to the use of the media so that all pharmaceutical trial products can be accounted for.

ABSTRACT WORD COUNT: 162

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 000510 A1 Published application with search report
 Examination: 001227 A1 Date of request for examination: 20001101
LANGUAGE (Publication, Procedural, Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAMS A	(English)	200019	1098
SPEC A	(English)	200019	5774
Total word count - document A			6872
Total word count - document B			0
Total word count - documents A + B			6872

III. Text Search Results from Dialog - Patents

A. Abstract Databases

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File 347: JAP10 Dec 1976-2010/Oct (Updated 110127)

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File 350: Derwent WPI X 1963-2011/UD=201111

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Set Items Description

S1 4372809 MEDI A OR MED U M OR CARRI ER OR CARRI ERS OR VEHICL E OR VEHICL E S OR CARD OR CARDS

S2 5270998 STATUS OR STATE OR STATES OR CONDI TI ON OR CONDI TI CNS OR CATE GORY OR CATE GORI ES OR MODE OR MODES

S3 425604 S2(4N) (ASSIGN? OR ALLOCAT? OR CONFER? OR DESIGNAT? OR INDI-

CAT? OR I DENTI FY? OR I DENTI FI? OR SELECT? OR SPECI FY? OR SPEC-
I FI?)

S4 61284 I NACTI VE OR "NOT"() (ACTI VE OR USEABLE OR USABLE OR ENABL? -
OR I NABL? OR AVAI LABLE OR ACCESSI BLE)

S5 375468 S2(4N) (RECORD? OR CAPTUR? OR STOR? OR SAVE? ? OR SAVI NG OR
RETAI N? OR MAI NTAI N?)

S6 365757 DATABASE? OR DATABANK? OR DATA() (BASE OR BASES OR BANK OR -
BANKS OR FI LE OR FI LES OR SYSTEM? OR NETWK? ?)

S7 89997 "NOT"() (REDEEMP OR CASH? OR WORK? OR CONVERT? OR EXCHANGE?
OR USE OR USES OR USED OR USEABLE OR USABLE)

S8 496985 S2(4N) (CHANG? OR MODI F? OR MANI PULAT? OR ADJU ST? OR ALTER?
OR AMEND? OR SW TCH? OR UPDAT?)

S9 99195 S1 AND S3

S10 16869 S5 AND S6

S11 1902 S9 AND S10

S12 45 S11 AND S4

S13 3 S12 AND S7

S14 18 S12 AND S8

S15 20 S13 OR S14

S16 2 S15 NOT AD>1995

S17 32590 S4 AND (ACTI VE OR ACTI VAT? OR ACTUAT? OR FUNCTI ON? OR WORK?
OR OPERATI ONAL)

S18 14452 S17 AND S2

S19 3927 S18 AND S1

S20 62 S19 AND S10

S21 61 S20 NOT S16

S22 2 S21 NOT AD>1995

16/3, K/1 (Item 1 from file: 350)
DI ALCO(R) File 350: Derwent WIPO X
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0007232561 - Drawing available
WIPO Acc No: 1995-283395/199537
Related WIPO Acc No: 1995-373457
XRPX Acc No: N1995-215711

Battery powered portable station data communication network sleep mode
controlling - polling each station with periodic async addressed messages
to assign e.g. active state to be maintained until next
periodic message is received

Patent Assignee: RYPI NSKI C A (RYPI - I)

Inventor: RYPI NSKI C A

Patent Family (1 patent(s, 1 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
US 5440560	A	19950808	US 1991813956	A	19911224	199537 B
			US 1992854493	A	19920320	

Priority Applications (no., kind, date): US 1991813956 A 19911224; US
1992854493 A 19920320

Patent Details

Number	Kind	Lang	Pg	Dwg	Filing Notes
US 5440560	A	EN	14	3	C-I-P of application US 1991813956

...polling each station with periodic async addressed messages to assign
e.g. active state to be maintained until next periodic message
is received

Original Titles:

Sleep mode and contention resolution within a common channel medium
access method

Alerting Abstract . . . The method involves polling each station with periodic aysnc timed addressed messages to assign either an active state to be maintained until after the next periodic message is received, for enabling an addressed station to receive data transfer messages transmitted from the system or to assign permission to be inactive for a period of time specified in that message and after which a further periodic message will be received to renew the instruction . . .

. . . That arrangement reduces power supply to the circuit functions in the addressed station until the indicated inactive time has expired. A poll acknowledgement message is then transmitted from the addressed station to the system to confirm the active or inactive status to the system of that addressed station until the next poll . . .

Claims:

A method for sleep mode control for a wireless data communication network that serves battery-powered portable stations having an active mode with full functional capability and a quiescent mode where function is minimized for the purpose of reducing quiescent power drain, and where said stations automatically switch between these modes in response to user needs, and where said data communication network uses a system with a plurality of wireless access-points controlled from a common processor, and having an access method based upon exchange of data . . .

. . . invitation-to-request-service messages, said method for sleep mode control comprising the steps of: polling each station with periodic asynchronous timed addressed messages to assign either an active state to be maintained until after the next periodic message is received, thereby enabling an addressed station to receive data transfer messages transmitted from the system or to assign permission to be inactive for a period of time specified in that message and after which a further periodic message will be received to renew the instruction, thereby reducing power supply to the circuit functions in said addressed station until the indicated inactive time has expired; transmitting a poll acknowledgement message from said addressed station to the system to confirm the active or inactive status to the system of that addressed station until the next poll; and transmitting a poll acknowledgement message from said addressed station to the system to advise . . .

16/3, K/2 (Item 2 from file: 350)
DI ALCG(R) File 350: Derwent WPI X
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0005486756 - Drawing available

WPI ACC NO: 1991-088636/199113

Related WPI Acc No: 1991-066603; 1991-126671; 1992-416290; 1995-169930; 1991-082127

XPX Acc No: N1991-068530

Computer system with program loading appts. - uses master boot record to load BIOS immediately from diskette and can test disk subsystem

Patent Assignee: IBM CORP (IBM); INT BUSINESS MACHINES CORP (IBM)

Inventor: BEALKOWSKI R; BLACKLEDGE J; BLACKLEDGE J W; CRONK D; CRONK D S; DAYAN R; DAYAN R A; KINNEAR S; KINNEAR S G; KOVACH G; KOVACH G D; PALKA M; PALKA M S; SACHSENMAIER R; ZYVOCOSKI K M

Patent Family (10 patents, 14 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
EP 419004	A	19910327	EP 1990307295	A	19900704	199113 B
CA 2020522	A	19910226				199131 E
BR 199004198	A	19910903				199140 E

CN 1049730	A	19910306			199145	E	
PT 95081	A	19920529	PT 95081	A	19900823	199227	E
EP 419004	A3	19920129	EP 1990307295	A	19900704	199322	E
CA 2020522	C	19931109	CA 2020522	A	19900705	199351	E
KR 199307680	B1	19930818	KR 199012419	A	19900811	199431	E
EP 419004	B1	19960529	EP 1990307295	A	19900704	199626	E
DE 69027167	E	19960704	DE 69027167	A	19900704	199632	E
			EP 1990307295	A	19900704		

Priority Applications (no., kind, date): US 1989399631 A 19890825; US 1989398860 A 19890825; US 1989398865 A 19890825

Patent Details

Number	Kind	Lang	Pg	Dwg	Filing	Notes
EP 419004	A	EN				
Regional Designated	States, Original:	AT BE CH DE ES FR GB IT LI NL SE				
CA 2020522	A	EN				
BR 199004198	A	PT				
EP 419004	A3	EN				
CA 2020522	C	EN				
EP 419004	B1	EN	28	7		
Regional Designated	States, Original:	AT BE CH DE ES FR GB IT LI NL SE				
DE 69027167	E	DE			Application EP 1990307295	
					Based on CPI patent	EP 419004

Alerting Abstract ... read only memory containing the portion of BIOS for system initialisation (36), a random access memory (32) and a fixed disk drive (62). The diskette media includes a master boot record with an executable code segment (120). The system also has a device for producing a signal that is representative of...

...If BIOS is to be loaded from the diskette media, the first portion of BIOS initialises the diskette drive to effect the loading of the master boot record into the random access memory. The first...

Original Abstracts:

...further includes a system processor (26), a random access main memory, a read only memory (36) and a switching means. The switching means generates a signal to indicate a mode for whether BIOS loads from either diskette or disk. In a priority mode, BIOS loads immediately from diskette. In a recovery mode, BIOS loads from diskette after testing the disk subsystem. The read only memory (36) includes a first portion of BIOS and data representing the type of system processor (26) and system planar (24) I/O configuration. The first portion of BIOS initializes the system (10) and queries the switching means. If the fixed disk is not available or the master boot record on the disk is invalid, the first portion of BIOS reads in a master boot record from the diskette drive (66). For either mode, the master boot record includes a data segment (122-138) and an executable code segment (120). The data segment (122-138) includes data representing system hardware and a system configuration which is supported

Claims:

... BIOS resident in the read only memory (36), the first portion of BIOS initializing the system (10); a master boot record included in the diskette media, the master boot record including an executable code segment (120); means for producing a signal, the signal being representative of loading BIOS from the diskette drive (66...)

... BIOS is to be loaded from the diskette drive (66) or fixed disk drive (62), wherein if BIOS is to be loaded from the diskette media, the first portion of BIOS initializes the diskette drive (66) to effect the loading of the master boot record into the random access memory (32); a remaining portion of BIOS included in the diskette media, wherein

the first portion of BIOS transfers control to the executable code segment (120) of the master boot record in order to effect the loading of the...

...read only memory containing the portion of BIOS for system initialisation (36), a random access memory (32) and a fixed disk drive (62). The diskette media includes a master boot record with an executable code segment (120). The system also has a device for producing a signal that is representative of loading BIOS from the...
...if BIOS is to be loaded from the diskette media, the first portion of BIOS initialises the diskette drive to effect the loading of the master boot record into the random access memory. The first portion then transfers control...

...BIOS resident in the read only memory (36), the first portion of BIOS initializing the system (10); a master boot record included in the diskette media, the master boot record including an executable code segment (120); means for producing a signal, the signal being representative of loading BIOS from the diskette drive (66); means being responsive to the signal for determining if BIOS is to be loaded from the diskette drive (66) or fixed disk drive (62), wherein if BIOS is to be loaded from the diskette media, the first portion of BIOS initialises the diskette drive (66) to effect the loading of the master boot record into the random access memory (32); a remaining portion of BIOS included in the diskette media, wherein the first portion of BIOS transfers control to the executable code segment (120) of the master boot record in order to effect the loading of the remaining portion of BIOS into the random access memory (32).

22/3, K/1 (Item 1 from file: 350)
DI ALCG(R) File 350: Derwent WPI X
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0006576335 - Drawing available
WPI ACC NO: 1993-388293/199349

XRPX Acc No: N1993-299871

System automatically connecting and disconnecting lan nodes - uses network controller having sleep mode and connected to network by transceiver

Patent Assignee: ADVANCED MICRO DEVICES INC (ADM)

Inventor: CRAYFORD I; CRAYFORD I S

Patent Family (8 patents, 13 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
EP 573204	A2	19931208	EP 1993304075	A	19930526	199349 B
JP 6037765	A	19940210	JP 1993131835	A	19930602	199411 E
TW 225073	A	19940611	TW 1992109693	A	19921203	199427 E
US 5404544	A	19950404	US 1992894016	A	19920605	199519 E
EP 573204	A3	19940921	EP 1993304075	A	19930526	199532 E
EP 573204	B1	20010228	EP 1993304075	A	19930526	200113 E
DE 69329958	E	20010405	DE 69329958	A	19930526	200126 E
JP 3429806	B2	20030728	JP 1993131835	A	19930602	200351 E

Priority Applications (no., kind, date): US 1992894016 A 19920605

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 573204	A2	EN	11	5		
Regional Designated States, Original:					BE DE DK ES FR GB GR IE IT LU NL PT	
TW 225073	A	ZH				
US 5404544	A	EN	10	5		
EP 573204	A3	EN				
EP 573204	B1	EN				

Regional Designated States, Original : BE DE DK ES FR GB GR IE IT LU NL PT
DE 69329958 E DE Application EP 1993304075
Based on OPI patent EP 573204
JP 3429806 B2 JA 11 Previously issued patent JP 06037765

...uses network controller having sleep mode and connected to network by transceiver

Alerting Abstract ...The system has a network controller having a sleep mode and a transceiver for connecting the controller to a data processing network. The controller is configured for allowing a sleep mode for a data processing node connected to the network controller ...

...The transceiver is configured to monitor for transmissions on the data processing network. When the node is in the sleep mode. The transceiver is further configured to initiate awaking of the controller when a transmission on the data processing network intended for the data processing node...

...ADVANTAGE - Network controller will operate in sleep mode to conserve power, but portion of controller remains active to monitor for transmissions.

Equivalent Alerting Abstract ...The system has a network controller (30) with a sleep mode and a transceiver (37) to connect the network controller to a data processing network. The network controller is configured for a sleep mode for a data processing node connected to the network controller. The data processing network is configured to repetitively signal its presence to the transceiver when the data processing node is in the sleep mode. The data processing node is configured to awake from the sleep mode in response to the transceiver receiving a transmission with an instruction field with a node address for the data processing node and an awaking instruction...

...ADVANTAGE - Network controller operates in sleep mode so conserves power, terminal can be powered up or powered down from central network system power consumption of Ethernet connection managed by operating software/hardware.

Title Terms.../Index Terms/Additional Words: MODE;

Original Abstracts:

...10BASE-T physical interface for 802-3/Ethernet is that the health of the communications link can be permanently monitored. When in the "link good" condition, the 10BASE-T transceiver is required to output a link status (LNKST) signal to this effect. Media Access Controller (MAC) 30, with an embedded 10BASE-T transceiver (37), uses the LNKST signal to provide power management to the MAC (30). By using the programmable AWAKE bit, the receive section of the 10BASE-T transceiver (37) can remain powered, even if the SLEEP input to the MAC (30) is activated. This allows the transceiver (37) to detect a link beat pulse (60) or receive packet activity. If either receive condition is encountered, the internal transceiver (37) will activate the LNKST output from the MAC (30). The system hardware and/or software can use the LNKST output to take appropriate action. For instance, if the LNKST output is active (low), then the computer is connected to an active network, and it is likely that the operating system will allow the MAC (30) to remain powered. However, if the LNKST becomes inactive (high) then the system can assume that the link is inactive, and the MAC can be powered down to save power. If at a later time the link is re-established, the MAC (30) can be powered back up to...

... 10BASE-T physical interface for 802.3/Ethernet is that the health of the communications link can be permanently monitored. When in the "link good" condition, the 10BASE-T transceiver is required to output a link status (LNKST) signal to this effect. Media Access Controller (MAC) 30, with an embedded 10BASE-T transceiver (37), uses the LNKST signal to provide power management to the MAC (30). By using the programmable AWAKE bit, the receive section of the 10BASE-T transceiver (37) can remain powered, even if the SLEEP input to the MAC (30) is activated. This allows the transceiver (37) to detect a link beat pulse (60) or receive packet activity. If either receive condition is encountered, the internal transceiver (37) will activate the LNKST output from the MAC (30). The system hardware and/or software can use the LNKST output to take appropriate action. For instance, if the LNKST output is active (low), then the computer is connected to an active network, and it is likely that the operating system will allow the MAC (30) to remain powered. However, if the LNKST becomes inactive (high) then the system can assume that the link is inactive, and the MAC can be powered down to save power. If at a later time the link is re-established, the MAC (30) can be powered back up to take advantage of the communications... Claims:

1. A network connection system comprising a network controller having a sleep mode and a transceiver for connecting said network controller to a data processing network, said network controller being configured for allowing a sleep mode for a data processing node connected to said network controller, said transceiver being configured to monitor for transmissions on the data processing network when the data processing node is in the sleep mode.

... A method for operating a local area network, which comprises connecting a data processing terminal (34) to an Ethernet local area network through an Ethernet media access controller (MAC) (30) and an Ethernet 10 Base-T transceiver (37), and comprising periodically signalling the presence of the network to the transceiver, the method being characterised by the steps of: while the media access controller assumes a power saving sleep mode, a receive section of the transceiver remains awake; signalling the presence of the network to said receive section of the transceiver (37) when the media access controller is in the sleep mode; and awaking the media access controller from the sleep mode in response to said transceiver receiving from the network a packet transmission including a node address for the data processing terminal and an awaking instruction.

... A network connection system comprising a network controller having a sleep mode and a transceiver for connecting said network controller to a data processing network, said network controller being configured for allowing a sleep mode for a data processing node connected to said network controller, the data processing network being configured to repetitively signal its presence to said transceiver when the data processing node is in the sleep mode and said data processing node being configured to awake from the sleep mode in response to said transceiver receiving a transmission including an instruction field including a node address for the data processing node and an awaking instruction.

22/3, K/2 (Item 2 from file: 350)
DIALOG FILE 350: Derwent WPI X
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0003027095
WPI ACC NO: 1984-115614/198419
Magnetic tape storage equipment simulator for data processor - receives

arbitrary length train of data bytes clocked at first rate followed by cyclic redundancy check byte timed at slower rate

Patent Assignee: IBM OCRP (IBM)

Inventor: KANTNER R F

Patent Family (4 patents, 4 countries)

Patent	Application					
Number	Kind	Date	Number	Kind	Date	Update
EP 106939	A	19840502	EP 1983106495	A	19830704	198419 B
US 4511963	A	19850416	US 1982412669	A	19820830	198518 E
EP 106939	B	19891018	EP 1983106495	A	19830704	198942 E
DE 3380748	G	19891123				198948 E

Priority Applications (no., kind, date): US 1982412669 A 19820830

Patent Details

Number Kind Lan Pg Dwg Filing Notes

EP 106939 A EN 14 6

Regional Designated States, Original: DE FR GB

EP 106939 B EN

Regional Designated States, Original: DE FR GB

Original Abstracts:

Method and apparatus for simulating a magnetic tape storage equipment in a data processing system. Method for simulating read time operations of a magnetic tape storage equipment, in which the simulating apparatus (17, 18) receives an arbitrary length train of...

... but requires presently disclosed adaptation for effecting the substitution efficiently and with complete transparency to unaltered parts of the environmental (host) network. While simulating a data recording operation the substituted system receives an arbitrary length train of data bytes clocked at a first rate followed by a cyclic redundancy check (CRC) byte timed at a slower second rate. In order to maintain network transparency, the substituted system must retransmit the data and CRC check bytes, in their received order and at their respective reception rates, after a delay associated with the physical separation between recording and...

... operates to generate an LRC character--which in the native tape equipment is formed directly by the action of resetting magnetization levels in bit track recording heads operating in NRZI mode--and to cause delayed transmission of that character immediately following the echoed CRC character.

Claims:

... sequence of check byte signals timed at a second rate different from said first rate, said signals being stored by said equipment on magnetic tape media subject to manual handling, said method consisting in replacing said tape equipment with an auxiliary processing system performing all of the functions of said tape equipment and presenting an interface (21), to said primary system for signal reception and echoing, which is identical to the interface presented by said tape equipment, but providing not available in said tape equipment and eliminating the manual handling of tape media; said method being characterized...

B. Full-Text Databases

~

File 349: PCT FULLTEXT 1979-2011/ UB=20110210| UT=20110203
(c) 2011 WPO Thomson

File 348: EUROPEAN PATENTS 1978-201106
(c) 2011 European Patent Office

Set Items Description
S1 1561007 MEDI A OR MEDI UM OR CARRI ER OR CARRI ERS OR VEHIC L E OR VEHIC C

LES OR CARD OR CARDS
 S2 2878747 STATUS OR STATE OR STATES OR CONDI TI ON OR CONDI TI CNS OR CA-
 TEGORY OR CATEGORI ES OR MODE OR MODES
 S3 1649789 S2(4N) (ASSI GN? OR ALLOCAT? OR CONFER? OR DESI GNAT? OR INDI-
 CAT? OR I DENTI FY? OR I DENTI FI? OR SELECT? OR SPECI FY? OR SPECI-
 FI?)
 S4 208936 I NACTI VE OR "NOT" () (ACTI VE OR USEABLE OR USABLE OR ENABL? -
 OR I NABL? OR AVAI LABLE OR ACCESSI BLE)
 S5 294623 S2(4N) (RECORD? OR CAPTUR? OR STOR? OR SAVE? ? OR SAVI NG OR
 RETAI N? OR MAINTAI NP?)
 S6 302958 DATABASE? OR DATABANK? OR DATA() (BASE OR BASES OR BANK OR -
 BANKS OR FI LE OR FI LES OR SYSTEM? OR NETWORK? ?)
 S7 539687 S2(4N) (CHANG? OR MODI F? OR MANI PULAT? OR ADJU ST? OR ALTER?
 OR AMEND? OR SW TCH? OR UPDAT?)
 S8 87436 S3(10N) S1
 S9 9742 S5(30N) S6
 S10 964 S8(10S) S9
 S11 473 S10(10S) S7
 S12 727377 S2(30N) (S4 OR ACTI VE OR ACTI VAT? OR ACTUAT? OR FUNCTI ON? OR
 WORK? OR OPERATI ONAL)
 S13 320 S11(10S) S12
 S14 62 S13(10S) ("NOT" () (REDEEM? OR CASH? OR WORK? OR CONVERT? OR -
 EXCHANGE? OR USE OR USES OR USED OR USEABLE OR USABLE))
 S15 10 S14 NOT AD>1995

15/3, K/1 (Item 1 from file: 349)
 DI ALCO R/ File 349: PCT FULLTEXT
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00285421 **Image available**
 METHOD AND SYSTEM FOR SELECTIVE INCENTIVE POINT-OF-SALE MARKETING IN
 RESPONSE TO CUSTOMER SHOPPING HISTORIES
 PROCEDURE ET SYSTEME DE DISTRI BUTI ON DE BONS D'ACHAT EN FONCTION DES ACHATS
 ANTERIEURS D'UN CLIENT

Patent Applicant/Assignee:
 CREDIT VERIFI CATI ON CORPORATI ON,

Inventor(s):

DEATON David W

GABRIEL Rodney G

Patent and Priority Information (Country, Number, Date):

Patent: WO 9503570 A2 19950202

Application: WO 94US8221 19940721 (PCT/WO US9408221)

Priority Application: US 9396921 19930723; US 93141471 19931020

Designated States:

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 prior to 2004)

AU BB BG BR BY CA CN CZ FI GE HU JP KE KG KP KR KZ LK LT LV MD MG MN MW
 NO NZ PL RO RU SD SI SK TJ TT UA UZ VN AT BE CH DE DK ES FR GB GR IE IT
 LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Full text Word Count: 79153

Detailed Description

... treated as, respectively, data and
 control/status ports. Data may be read to or written
 from the data port, while control is written to and
 status is read from the control/status report.

From above, the display control program in EPROM 134
 provides the various mode control commands that invoke
 the display control functions implemented by the LCD
 module. For example, in response to appropriate mode
 control commands, the LCD module performs the necessary

internal operations to move the cursor, output the character under the cursor, write a character in the...

... higher order address bits A08-A12 over the Address Bus (the 3 higher order bits A13-A15 of the 16-bit Z8 microprocessor address are not used by the transaction terminal). Port 1 is input/output, providing the lower order address bits A00-A07 and receiving 8-bit data bytes over the... are in 7 bit ASCII (0-6), so that only the POLL token uses bit 7. The answer packets are also one byte.

Bit 7 Not used
Bits 0-6 TXDATA
NODATA

The TXDATA byte is followed by up to 40 characters of data in 7-bit ASCII (0-6), with a... involve accessing in some way the customer database, After execution of the request, the response data returned by the responding task depends upon the request function code. The Data Manager Task returns updated customer or negative status records in response to verify/query requests and confirmations in response to local status update functions and global update functions.

15/3, K/2 (Item 1 from file: 348)
DI ALCO(R) File 348: EUROPEAN PATENTS
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03505962
Method, computer system and computer program product for conducting demand-based trading
Verfahren, Computersystem und Computerprogrammprodukt zur Leitung von Handel auf Anfragebasis
Procédé, système informatique et produit de programme informatique pour effectuer un commerce en fonction de la demande
PATENT ASSIGNEE:

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Beetz & Partner (101195541), Patent anwalte Steinendorfstrasse 10, D-80538
München, (DE)

PATENT (CC, No, Kind, Date): EP 2278547 A2, 110126 (Basic)

APPLICATION (CC, No, Date): EP 10179561 020909;

PRIORITY (CC, No, Date): US 950498 010910

Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

RELATED PARENT NUMBER(S) - PN (AN):

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INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

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G06Q 0040/00 A I F B 20060101 20101214 H EP

ABSTRACT WORD COUNT: 71

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Figure number on first page: 1

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FULLTEXT AVAILABILITY:

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CLAIMS A (English)	201104	684

SPEC A (English) 201104 101462
Total word count - document A 102146
Total word count - document B 0
Total word count - documents A + B 102146

... SPECIFICATION amounts invested in states which did not occur are completely reallocated to the state which did occur (less any transaction fee). The present invention is not limited to a canonical DRF, and many other types of DRFs can be used and may be preferred to implement a group of DBAR contingent...

... state occur. DBAR digital options, described in Section 6, are an example of an investment with a desired payout distribution should one or more specified states occur. Such a payout distribution could be denoted $P_i(\cdot)$, which is a row corresponding to trader i in payout matrix P . Such a trader may be traded for a given state i in ... stock would be sold (or 'not owned') and a string of DBAR contingent claims, including, for example, digital options, based on quarterly earnings can be used as a hedge or insurance for stock believed to be overpriced. Market expectations for a company's earnings may be faulty, and may threaten the... additional features compared to groups of DBAR contingent claims that offer fixed payouts for a state, regardless of the magnitude of the outcome within that state. These features may prove useful in constructing groups of DBAR contingent claims which are able to readily provide risk and return profiles similar to those...

... systems and methods of the present invention is that, in preferred embodiments, traders can generate an arbitrary distribution of payouts across the distribution of defined states for a group of DBAR contingent claims. The ability to generate a customized payout distribution may be important to traders, since they may desire to...

... be achieved. In preferred embodiments, this multi-state investment is entered into a suspense account maintained by the exchange, which reallocates the investment among the states as the amounts invested change across the distribution of states. In preferred embodiments, as discussed above, a final allocation is made at the end of the trading period when returns are finalized.

The discussion in...

... in preferred embodiments, these investments are reallocated using the same procedure throughout the trading period as the relative proportion of amounts invested in the constituent states changes.

In other preferred embodiments, a trader may make a multi-state investment in which the multi-state allocation is not intended to generate the same...

... is also used:

$A_i(\cdot)$) denotes the i -th row of the matrix A containing the invested amounts by trader i for each of the n states of the group of DBAR contingent claims

In preferred embodiments, the allocation of amounts invested in all the states which achieves the desired payouts across the distribution of states can be calculated using, for example, the computer code listing in Table 1 (or functional equivalents known to one of skill in the art), or, in the case where a trader's multi-state investment is small relative to the total investments already made in the group of DBAR contingent claims, the following approximation: $A_i(\cdot)T = P_i - 1$.

... the trader's desired payouts. The equation above shows that the amounts to be invested in order to produce a desired payout distribution are a function of the desired payout distribution itself ($P_i(\cdot)$) and the amounts otherwise invested across the distribution of states (which are used to form the matrix P_i , which contains the payouts per unit along

its diagonals and zeroes along the off-diagonals). Therefore, in preferred embodiments, the allocation of the amounts to be invested in each state will change if either the desired payouts change or if the amounts otherwise invested across the distribution change. As the amounts otherwise invested in various states can be expected to change during the course of a trading period, in preferred embodiments a suspense account is used to reallocate the invested amounts, A_i), in response to these changes, as described previously. In preferred embodiments, at the end of the trading period a final allocation is made using the amounts otherwise invested across the...

...code listing in Table 1.

Example 3.1.21 illustrates a methodology for generating an arbitrary payout distribution, using the event, termination criteria, the defined states, trading period and other relevant information, as appropriate, from Example 3.1.1, and assuming that the desired multi-state investment is small in relation to the total amount of investments already made. In Example 3.1.1 above, illustrative investments are shown across the distribution of states representing possible closing prices for MSFT stock on the expiration date of 8/19/99. In that example, the distribution of investment is illustrated for...an actual outcome within a state is determined with reference to the price which falls exactly in between the upper and lower bounds of the state as measured in units of probability, i.e., the "state average." For this Example 3.1.21, the following desired payouts can be calculated for each of the states the amounts to be invested in each state and the resulting investment amounts to achieve those payouts: The far right column of Table 3.1...

...invention described in this specification.

As discussed above, if many traders make multi-state investments, in a preferred embodiment an iterative procedure is used to allocate all of the multi-state investments to their respective constituent states. Computer code, as previously described and apparent to one of skill in the art, can be implemented to allocate each multi-state investment among the constituent states depending upon the distribution of amounts otherwise invested and the trader's desired payout distribution.

Example 3.1.22: Emerging Market Currencies
Corporate and investment...

...rates. When the Federal Reserve (Fed), European Central Bank (ECB) or Bank of Japan (BOJ), for example, changes their target rate or when market participants adjust their expectations about future rate moves, global equity and fixed income financial markets can react quickly and dramatically.

Market participants currently take views on central...

...are commonly represented in matrix form as: C is the correlation matrix of the underlying events, w is the vector containing the CAR for each active position in the portfolio, and w^T is the transpose of W . In preferred embodiments, C is a $y \times y$ matrix, where y is the number of active positions in the portfolio, and where the elements of C are: $c_{i,j})=1$ when $i=j$ i.e., has 1's on the diagonal...

...in state i ; T is the sum of all amounts invested across the distribution of states; $q_i)$ is the implied probability of the occurrence of state i derived from T and $T_i)$; and $r_i)$ is the return per unit of investment in state i . In this preferred embodiment, this standard deviation is a function of the amount invested in each state and total amount invested across the distribution of states, and is

also equal to the square root of the unit return for the state. If $\alpha_{phi(i)}$ is the amount invested in state i , $\alpha_{phi(i)}$) $\sigma_{phi(i)}$) is the standard deviation in units of the amount invested (e.g., dollars) for... the market's "offer" price is to purchasers of the desired quantity.

In a preferred embodiment, for each set of quantities invested in the defined states of a group of DBAR contingent claims, a set of bid and offer curves is available as a function of the amount invested.

In the groups of DBAR contingent claims of the present invention, there are no bids or offers per se. The mathematical...

...in the traditional markets, however, there is no ready way to compute such quantities for any given market.

The full liquidity effect -- or liquidity response function -- between two states in a group of DBAR contingent claims can be expressed as functions of the amounts invested in a given state, T_i), and amounts invested in the complement states, denoted $T_{C(i)}$), as follows:

The implied "bid" demand response function shows the effect on the implied state probability of an investment made to hedge an investment of size $\Delta_{phi(T_i)}$). The size of the hedge investment in the complement states is proportional to the ratio of investments in the complement states to the amount of investments in the state or states to be hedged, excluding the investment to be hedged (i.e., the third term in the denominator). The implied "offer" demand response function above shows the effect on the implied state probability from an incremental investment of size $\Delta_{phi(T_i)}$ in a particular defined state.

In preferred embodiments of systems and methods of the present invention, only the finalized returns for a given trading period are applicable for computing payouts...

...investment gives the bid side of the market.

In another preferred embodiment, transaction fees are assessed as a percentage of payouts, rather than as a function of invested amounts. Thus, the offer (bid) side of the market for a given digital option could be, for example, (a) the amount invested over the range of states comprising the digital option, (b) plus (minus) the fee (e.g., 10 basis points) multiplied by the total invested for all of the defined states...be seen that, given an amount of premium x that is desired to be "sold," the complementary investment that must be bought on the complement states in order for the trader to receive the premium x , should the option "sold" expire out of the money, is a function of the price of the option being "sold." Since the price of the option being "sold" can be expected to vary during the trading period...

15/3, K/3 (Item 2 from file: 348)
DI ALCO(R) File 348: EUROPEAN PATENTS
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02561100
Information processing method, electronic money terminal device, and electronic money reporting device
Informationsverarbeitungsverfahren, elektronisches Geldabgabegerät und elektronisches Geldabgabegerät
Procédé de traitement des informations, dispositif de terminal de portefeuille électronique et dispositif de rapport de portefeuille électronique
PATENT ASSOCIEE:

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(Applicant designated States: all)

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PATENT (CC, No, Kind, Date): EP 1981005 A2 081015 (Basi c)

EP 1981005 A3 091104

APPLICATI ON (CC, No, Date): EP 2008251171 080328;

PRIORITY (CC, No, Date): JP 2007103569 070411

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI;
SK; TR

EXTENDED DESIGNATED STATES: AL; BA; MK; RS

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:
G07F-0007/10 A I F B 20060101 20080630 H EP

NOTE:

Figure number on first page: 1

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FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200842	1205
SPEC A	(English)	200842	7113
Total word count - document A			8320
Total word count - document B			0
Total word count - documents A + B			8320

...SPECIFICATION includes the information acquisition unit 30, detects the place where the electronic money card 10 is used, the date and time when the electronic money card 10 is used, or the purpose for which the electronic money card 10 is used, and rewrites and records such use status information in the electronic money card 10. Alternatively, the use status information may be registered in the database 72 of the server system 70 in association with card identification information, such as a number and a name recorded in the electronic money card 10.

Use status information is not necessarily a record. A card owner may set in advance the use status of the electronic money card 10.

Presentation information also indicates at least one of a place where the electronic money card 10 is presented, a date and time when the electronic money card 10 is presented, and a purpose for which the electronic money card 10 is presented. When the electronic money card 10 is presented, the electronic money terminal device 20, which includes the information acquisition unit 30, detects the place where the electronic money card 10 is presented, the date and time when the electronic money card 10 is presented, or the purpose for which the electronic money card 10 is presented. Accordingly, such presentation status information is acquired.

Thus, in this case, the information acquisition unit 30 detects, for example, the place where the electronic money card 10 is reported to the card presenter by using warning display or warning sound, and the electronic money card 10 enters a locked mode so that electronic money stored in the electronic money card 10 is not usable. In addition, a different routine that directly reports to the card owner that the

electronic money card 10 has been found by someone or that...

15/3, K/4 (Item 3 from file: 348)
DI ALG(R) File 348: EUROPEAN PATENTS
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02556815
Methods and systems for making a payment via a stored value card in a mobile environment
Verfahren und Systeme zum Vornehmen einer Zahlung über eine Karte mit gespeicherten Werten in einer mobilen Umgebung
Procédés et systèmes pour effectuer un paiement via une carte à valeur stockée dans un environnement mobile
PATENT ASSIGNEE:
First Horizon Holdings, LLC, (8372600), 4 Concours Parkway, Suite 450, Atlanta GA 30328, (US), (Applicant designated States: all)

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PATENT (CC, No, Kind, Date): EP 1978477 A2 081008 (Basic)
APPLICATION (CC, No, Date): EP 2008103081 060706;
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; BA; HR; MK; RS
RELATED PARENT NUMBER(S) - PN (AN):
EP 1938571 (EP 2006774549)

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:
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CLAIMS A	(English)	200841	5004
SPEC A	(English)	200841	238111

Total word count - document A 243115

Total word count - document B 0

Total word count - documents A + B 243115

...SPECIFICATION incknare, type of service provided (e.g. a bill presentation service, a bank, a credit facility, etc.), an account number with the financial service provider (not shown), associated password (not shown), account holder's contact information, verification data, etc. Other information relating to identification and/or utilization of a user's...

...purposes of creating an audit trail, a dated record of transactions, and facilitating database commit and rollback operations. Each transaction record comprises information including but not limited to: a transaction identifier (a unique identifier), date and time stamp for the start and end, user name or ID, or both, selected one...the PS, the corresponding transaction record 715 in the table 710 is updated to indicate that the payment has completed, e.g. by changing a status flag from pending to complete. According to one embodiment of the present

invention, the record for a completed transaction is moved to a log file according its completion time for archive. Other information relating to transactions and their status may also be stored and is contemplated.

MOBILE DEVICE APPLICATION FLOWCHARTS

The mobile device application flowcharts are shown in <FIGREF IDREF=F0009> FIGS. 8... for sending to the mobile device as a message. In such a case, at step 825 a subset of information that was received and/or stored in the MTS is prepared for transmission to a selected user's mobile device.

Control passes from step 825 to step 860, where any corresponding...

...next presented with an initialization code for the mobile client. This initialization code is later entered into the mobile device (see below) upon prompting, for activating the mobile client.

2. (b) According to another exemplary aspect of the invention, on the mobile device, the MTS 18 sends the mobile device a...

...loop. Control then passes to step 850, where the interface tests for expiration of the predetermined time period. If the timer has expired, an error condition has occurred (the task added to the queue has not been properly processed in time), and at step 855 an error message is generated and...

...either another MTS process or from a third party connected for communications with the MTS, process those messages by determining an appropriate destination (e.g., storage of data in the user database 158 to update user information or to create or update a transaction record, communication to a mobile device, etc.), and forwarding processed information to such... selected FSP will require addition of a record in the user financial accounts table 620 (<FIGREF IDREF=F0007> FIG. 6</FIGREF>), or a closed account status of a particular FSP with a user will require updating (or deletion) of a record in the financial service provider table 630 (<FIGREF IDREF=F0007> ...

...<FIGREF IDREF=F0012> FIG. 11</FIGREF> are specific to the process of enrolling a new user. Specifically, it will be understood that a new user will not pass the authentication step in <FIGREF IDREF=F0011> FIG. 10</FIGREF>, and will typically be presented with a "new user" web page that includes controls...

15/3, K/5 (Item 4 from file: 348)

DOCUMENT FILE 348: EUROPEAN PATENTS

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01827092

Terminal-to-terminal communication connection control method using an IP transfer network
Endger at-zu-Endger at-Kommunikationsverfahren unter Verwendung eines IP-Übertragungsnetzes

Procédé de contrôle de la communication entre terminaux utilisant un réseau de transfert de données IP

PATENT ASSIGNEE:

The Distribution Systems Research Institute, (3270790), 7-3-37, Akasaka, Minato-ku, Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

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Hooi veld, Arjen Jan Wnfried (62051), Arnold & Siemons Swelinkplein 1,
2517 GK Den Haag, (NL)

PATENT (CC, No, Kind, Date): EP 1487173 A2 041215 (Basic)

APPLI CATION (CC, No, Date): EP 1487173 A8 050427

PRIORITY (CC, No, Date): EP 2004103728 010308;

PRIORITY (CC, No, Date): JP 2000105023 000406; JP 2000179234 000615; JP 2000367085 001201

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

RELATED PATENT NUMBER(S) - PN (AN): EP 1143682 (EP 2001200880)

INTERNATIONAL PATENT CLASS (V7): H04L-029/06; H04M-007/00

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Figure number on first page: 1

LANGUAGE (Publication, Procedural, Application): English; English; English

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CLAIMS A	(English)	200451	1923
SPEC A	(English)	200451	111043
Total word count - document A			112966
Total word count - document B			0
Total word count - documents A + B			112966

... SPECIFICATION should be understood that the call control data sent from the IP terminal 41-1 originally employs the DNS inquiry/response format 43 and need not use the function of the connection control unit 22-0, the call control data is directly connected to the router 20-0. In this case, the... the telephone set 213-5 and the telephone set 214-4 is commenced. The telephone administration server 314-5 notifies, for instance, the communication line identifier (CLC-1-2); the IP address "EA01" of the transmission source media router 212-1; the IP address "EA02" of the destination media router 212-2; the transmission source telephone number "Tel-No-1"; the destination telephone number "Tel-No-2" to a charging administration server 314-4...

... 1-2); the transmission source telephone number "Tel-No-1"; the destination telephone number "Tel-No-2"; the IP address "EA01" of the transmission source media router 212-1; and the IP address "EA02" of the destination media router 212-2 (Step P254).

Similarly, the charging administration server 313-4 can...

15/3, K/6 (Item 5 from file: 348)

DI ALCO(R) File 348: EUROPEAN PATENTS

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01827091

Terminal-to-terminal communication connection control method using an IP transfer network

Endgerat-zu-Endgerat-Kommunikationsverfahren unter Verwendung eines IP-Übertragungsnetzes

Procédé de contrôle de communication entre terminaux utilisant un réseau de transfert de données IP

PATENT ASSIGNEE:

The Distribution Systems Research Institute, (3270790), 7-3-37, Akasaka, Minato-ku, Tokyo, JP (Applicant designated states: , AT; BE; BG; CH; LI; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR)

Miyaguchi Research Co. Ltd., (3270800), 1-4-4, Sugano, Ichikawa-Shi, Chiba, JP (Applicant designated states: , AT; BE; BG; CH; LI; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR)

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2517 GK Den Haag, (NL)

PATENT (CC, No, Kind, Date): EP 1487172 A2 041215 (Basic)

APPLICATION (CC, No, Date): EP 2004103720 010308;

PRIORITY (CC, No, Date): JP 2000105023 000406; JP 2000179234 000615; JP

2000367085 001201

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

RELATED PARENT NUMBER(S) - PN (AN):

EP 1143682 (EP 2001200880)

INTERNATIONAL PATENT CLASS (V7): H04L-029/06; H04M-007/00

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NOTE:

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LANGUAGE (Publication, Procedural, Application): English; English; English
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CLAIMS A	(English)	200451	5505
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SPEC A	(English)	200451	111044
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Total word count - document A 116549

Total word count - document B 0

Total word count - documents A + B 116549

...SPECIFICATION in the beginning, and subsequently, an external destination IP address corresponds to "EA2". Furthermore, the network node apparatus 195-1 checks as to whether or not the transmission on source external IP address "EA1" contained in the IP packet 193-1x is included in the above-detected record. Alternatively, the checking operation... should be understood that the call control data sent from the IP terminal 41-1 originally employs the DNS inquiry/response format 43 and need not use the function of the connection control unit 22-0, the call control data is directly connected to the router 20-0. In this case, the...the telephone set 213-5 and the telephone set 214-4 is commenced. The telephone administration server 314-5 notifies, for instance, the communication line identifier(ClC-1-2); the IP address "EA01" of the transmission source media router 212-1; the IP address "EA02" of the destination media router 212-2; the transmission source telephone number "Tel-No-1"; the destination telephone number "Tel-No-2" to a charging administration server 314-4...

...1-2); the transmission source telephone number "Tel-No-1"; the destination telephone number "Tel-No-2"; the IP address "EA01" of the transmission source media router 212-1; and the IP address "EA02" of the destination media router 212-2(Step P254).

Similarly, the charging administration server 313-4 can...

15/3, K/7 (Item 6 from file: 348)

DI ALQ/R File 348: EUROPEAN PATENTS

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01437430

Working state administration system job state administration system and working job state administration system

Betriebszustands-Verwaltungssystem Jobzustands-Verwaltungssystem und Verwaltungssystem für aktive Aufgaben

Système d'administration des états des travaux, système d'administration des états des tâches et système pour administrer les états des tâches et travaux

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PATENT (CC, No, Kind, Date): EP 1221664 A2 020710 (Basic)

EP 1221664 A3 040317

APPLICATION (CC, No, Date): EP 2001126689 011108;

PRIORITY (CC, No, Date): JP 2000344005 001110; JP 2000397757 001227

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-017/60

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CLAIMS A (English)	English	200228	4093
SPEC A (English)	English	200228	42372
Total word count - document A			46465
Total word count - document B			0
Total word count - documents A + B			46465

... SPECIFICATION present invention.

In Fig. 4, the database comprises:
a job table comprising a job ID and job name,
a working subject table further comprising a working subject ID
and working subject name,
a storage position table further comprising job ID and job storage
location,
a working state table consisting of the working state of
the working subject associated with the working subject ID and job
ID, and
a working state change time table consisting of the
working state change time associated with the job ID and
working subject ID.

When the working state of the working subject is to
be identified, use of a database having such a configuration allows the
working state to be identified by accessing this
database.

The database which allows the aforementioned factors to be recorded
whenever necessary can be used as the database mentioned above. For
example, such a recording medium as hard disk can be used, but the
database according to the present embodiment is not restricted thereto.

When the job to be administered or...

...table in such a way that, when connection is started, the storage
location for the job can be obtained from the job ID by the work
administration program to be described below.

The working state and working state change time are recorded as
appropriate in the working state table and working...

...with the working subject ID for administration of the working state or
working time and with the job ID.

The following describes the aforementioned working state
administration program

Such a working state administration program
functions as part of the front-end application software program
according to the present invention.

Fig. 5 is a flow chart for working state administration

program (1) to be started in response to the request for connection under the work starting instruction. Fig. 6 is a flow chart for the working state administration program (2) to be started in response to the requirements for disconnection under DISCONTINUE instruction. Fig. 7 is a flow chart for the working state administration program (3) to be started in response to the requirements for disconnection under TERM NATE instruction.

When the client user 12a as a working subject having received a work instruction has requested connection under the work start instruction for the job directory 21a (See Fig. 2), the working state administration program (1) shown in Fig. 5 is started and the database is accessed. Then the information at the job storage location is obtained (S1...).

...12a and job directory 21a, as shown in Fig. 2 (S2). The time of connection in S2 is stored in the database (S3) as a work starting time for client user 12a. At the same time, the working state of the client user 12a is set to "Working" (S4), whereby the...

...Connection is then cut off (S5), and the disconnection time of S5 is stored in the database as a work disconnection time (S6). The working state of the working subject is set to "Discontinued" ("Not Working") (S7), whereby the operation terminates.

If there is a request for connection under the "TERM NATE instruction in order that the working subject terminates the work, the working state administration program (3) starts as shown in Fig. 7, and connection is cut off (S8). The disconnection time of S8 is stored in the database as work termination time (S9), and the working state of the working subject is set to "Work Terminated" (or "Not Working") (S10). Then working time is added up from the work starting time, work disconnection time and work termination time certified in S3, S6 and S9 (S11). This added time is set as the total working time of the client user 12a as a working subject.

As described above, when the working subject is changed to the connected state under the work start instruction for the job directory 21a by the working subject, the working state of the working subject is recorded as "Working" in the aforementioned database. When the aforementioned connection is cut off under the instruction of the work by the aforementioned working subject, the working state of the working subject is recorded as "Discontinued" in the aforementioned database. When the aforementioned connection state is cut off under the work termination instruction by the aforementioned working subject, the working state of the working subject is recorded as "Terminated" in the aforementioned database. This allows the working state to be administered merely by accessing the database in such a way as to show whether the client user as a working subject is in the "Working", "Discontinued" or "Terminated" state.

The cumulative working time can be calculated as follows: When the database is in the state shown in Fig. 4 for example, the working time for the job having the job ID of "1" is five minutes from 11:20 to 11:25 in the case of the working...

...recorded in the database as work starting time; the time of cutting off the connection under the "Discontinued" instruction is recorded in the database as work disconnection time; and the time when the connection is cut off under the termination instruction is recorded in the database as work termination time. The time when this working state is changed is used to calculate the working time for this job regarding the working subject, and this working time is stored in the database, whereby the working time of the working subject can be administered.

As described above, various types of information is stored in the

database in real time. This allows the working state of the working subject in real time to be administered by accessing the database and ascertaining the working state of the working subject.

In the same way, if connection state of client user 12b is as shown in Fig. 3, then the job directory 21b can be determined as being in a working state. If it is disconnected as shown in Fig. 2, the state can be evaluated as being "Not Working", whereby it is possible to determine whether client user 12b is working or not.

If the working subject table representing the working subject name and working subject ID in the aforementioned embodiment consists of the working subject ID associated with the working subject name and client terminal, then the same working subject can be administered separately for each client terminal.

Figs. 8 and 9 are illustrations representing a second embodiment of the working state and job state administration system according to the present invention. In Figs. 8 and 9, the same reference numerals with those of Fig. 2 denote the same configurations.

According to the present embodiment, the working state is administered for each front-end application software. A working directory is provided in conformity to the front-end application software as a working subject and the job directory as a working object.

In the state shown in Fig. 8, connection by the front-end application software 11a is not yet established, the working state of the front-end application software 11a is evaluated as "Not Working" ("Discontinued" or "Terminated"). This is stored in the database.

The client user 12 uses the front-end application software 11b to make a direct connection between the working directory 30b usable only in the state of connection by the front-end application software 11b and the job directory 21b for storing job-related files, whereby the front-end application software 11b is placed in the connection state, with the result that the working state of the front-end application software 11b for the job directory 21b is stored in the database as "Working".

In the state shown in Fig. 9 on the other hand, the client user 12 uses the front-end application software 11a to make a direct connection between the working directory 30a usable only in the state of connection by the front-end application software 11a and the job directory 21a for storing the job-related files, whereby the front-end application software 11a is placed in the state of connection, with the result that the working state for the job directory 21a is evaluated as "Working" and is stored in the database. In this case, connection by the front-end application software 11b is not yet established. The working state of the front-end application software 11a is evaluated as "Not Working" ("Discontinued" or "Terminated"), and the result is stored in the database.

As described above, the working state is determined for each front-end application software, and is stored in the database, whereby the working state for each front-end can be administered.

Figs. 10 and 11 are illustrations representing a second and third embodiment of the working state administration system according to the present invention. In Figs. 10 and 11, the same reference numerals with those of Fig. 2 denote the same configurations... the external client application software 13b is not connected, the working state of the external client application software 13b is stored in the database as "Not Working" ("Discontinued" or "Terminated").

In the state shown in Fig. 11, on the other ... external client application software 13a is not connected; therefore, the working state

of the external client application software 13a is stored in the database as "Not Working" ("Discontinued" or "Terminated").

The external client application software 13b uses the front-end application software 11b to make a direct connection between the working directory...

...with the job directory 21b; therefore, the working state of the client terminal 10b for the job directory 21b is stored in the database as "Not Working" ("Discontinued" or "Terminated").

In the state shown in Fig. 13, on the other hand, the client terminal 10a is not connected with the job directory...

15/3, K/8 (Item 7 from file: 348)
DI ALG3 R/ File 348: EUROPEAN PATENTS
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01338219
Terrestrial-to-terminal communication connection control method using IP transfer network
Endgerat-zu-Endgerat-Kommunikationsverfahren unter Verwendung eines IP-Übertragungsnetzes
Procédé de contrôle de communication entre terminaux utilisant un réseau de transfert de données IP
PATENT ASSIGNEE:

The Distribution Systems Research Institute, (3270790), 7-3-37, Akasaka, Minato-ku, Tokyo, (JP), (Applicant designated States: all), Miyaguchi Research Co. Ltd., (3270800), 1-4-4, Sugano, Ichikawa-Shi, Chiba, (JP), (Applicant designated States: all)

INVENTOR:

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Miyaguchi, Shoji, 1-4-4, Sugano, Ichikawa-shi, Chiba, (JP)

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PATENT (CC, No, Kind, Date): EP 1143682 A2 011010 (Basic)
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APPLICATI ON (CC, No, Date): EP 2001200880 010308;
PRI ORITY (CC, No, Date): JP 2000105023 000406; JP 2000179234 000615; JP 2000367085 001201

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

RELATED DIVISIONAL NUMBER(S) - PN (AN):

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{ EP 2004103760)
{ EP 2004103928)

INTERNATIONAL PATENT CLASS (V7): H04L-029/06; H04M-007/00; H04L-029/12; H04M-003/42; H04Q-003/62

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SPEC A	(English)	200141	110956
Total word count - document A			122357
Total word count - document B			0
Total word count - documents A + B			122357

... SPECIFICATION by the multicast method with improving the information security performance can be realized. When such an IP packet containing a multicast IP address which is not yet registered into the network node apparatus is received, this received IP packet is discarded (IP address filtering operation).

Referring now to FIG. 19, both... For instance, an IP data service operation/management server (DNS) for managing IP data communications in a batch mode may be installed inside the IP data network. Also, an IP telephone service operation/management server (TES) for managing telephone communications in a batch mode may be installed inside the IP telephone network. Also, an IP voice/image service operation/management server (AVS) for managing voice/image communications in a...the RAS table provided in the RAS administration program is rewritten, so that the terminal operator 103 manages registration/certification of terminals and an internal state of the media router 14-1.

As represented in FIG. 67, while a telephone operator 104 operates the analog telephone set 18-1, this operation...

...the RAS table provided in the RAS administration program is rewritten, so that the telephone operator 104 manages registration/certification of terminals and an internal state of the media router 14-1.

In the embodiment of FIG. 20, all of the elements provided within the range 6-2 of the IP transfer network which... and the internal IP address "1A01" of the transmission source telephone set and the IP address "EA02" and the internal IP address "1A02" of the media router 212-2 connected to the destination telephone set to the table administration server 314-3 (Step P250). The table administration server 314-3 saves...

...set, and also stores these IP addresses into the address administration table 360-2 contained in the network node apparatus 209-2 (Step P251). This condition is indicated as a record of a second row of the address administration table 360-2 of FIG. 94.

While using the read communication line identifier (CLC...

...313-5 notifies the communication line identifier (CLC-1-2), both the IP address "EA01" and the internal IP address "1A01" of the transmission source media router 212-1; and both the IP address "EA02" and the internal IP address "1A02" of the destination media router 212-2 to the table administration server 313-3 (Step P252). The table administration server 313-3 holds thereinto the communication line identifier (CLC...

...telephone set, and further holds these items into the address administration table 360-1 provided in the network node apparatus 208-1 (Step P253). This condition is indicated as the record of the second row of the address administration table 360-1 of FIG. 93.

The record of the second row in the source media router 212-1; the IP address "EA02" of the destination media router 212-2; the transmission source telephone number "Tel-No-1"; the destination telephone number "Tel-No-2" to a charging administration server 314-4...9 operates/manages the internal resources of the operation/management range 206-1 of the communication company "1" in a batch manner. Both the failure condition and the communication quality condition of the network resources containing the communication line, which are acquired by the operation/management results, may be reported via...

...9 operates/manages the internal resources of the operation/management range 206-2 of the communication company "2" in a batch manner. Both the failure condition and the communication quality condition of the network resources containing the communication line, which are acquired by the operation/management results, may be reported via the user service server 314-6...

00295521

Identification of data storage devices.

Identifizierung von Datenspeicherungseinrichtungen.

Identification de dispositif de stockage de données.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE; FR; GB)

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Vosacek, Robert Haver, 11205 Chuckwagon Circle, Tucson Arizona 85749, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual Property Department, Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 303855 A2 890222 (Basic)

EP 303855 A3 900207

EP 303855 B1 930616

APPLICATION (CC, No, Date): EP 88112032 880726;

PRIORITY (CC, No, Date): US 87331 870820

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G06F-013/12; G06F-011/16; G06F-003/06; G06F-011/20;

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LANGUAGE (Publication, Procedural, Application): English; English; English
FULLTEXT AVAILABILITY:

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CLAIMS B	(English)	EPBBF1	763
CLAIMS B	(German)	EPBBF1	635
CLAIMS B	(French)	EPBBF1	886
SPEC B	(English)	EPBBF1	3933
Total word count - document A			0
Total word count - document B			6217
Total word count - documents A + B			6217

...SPECIFICATION to determine the path back to the host. Any host program accessing the DASD could send the header described above to uniquely define the DASD actuator to access.

Fig. 2 shows the basic elements of one data storage sub-system of the embodiment, which, although similar to that shown in Fig. 1, is shown in a very generalised block form. The assumption that has been made in Fig. 2, is that the maximum possible integers are physically connected and working. It must be remembered that the invention is intended to deal with circumstances in which this becomes progressively untrue so that there will be times in the following discussion when, for example, it will appear that only two HDA's are connected, despite what is shown in Fig. 2. It is...

...functions. The dual copy function provides enhanced data availability and reliability by maintaining two identical copies, a primary copy and a secondary copy, of volumes, called a duplex pair, on two physically separated DASD units, for example, a primary data storage device in string 70 and a secondary data storage device in...

...and the attached data storage devices. In the example, this consists of the single controller 125 and the two data storage devices 70 and 75.

Status information about the subsystem is retained across power downs by writing a single record of status and

identification information twice on the status track of each device. Global subsystem status is also kept on the...

... but global subsystem status is only kept on the two global data storage devices. The global subsystem status portion of the record is formatted but not used if the device is not one of the two global subsystem status devices.

The global status pointer contains address information about the two data storage... Storage Size

Non-volatile Storage Size

Global Status Pointer

Controller Type For Each String

Maximum Number of Drives Configured for Each String.

This information is used to initialise the JAS 200 in the controller 25 to reflect the current system's configuration. In our example, the JAS 200 contains the addresses...

- ... 1) put the devices on separate strings;
- 2) put the devices on separate units; and
- 3) put the devices on separate spindles.

The global subsystem status devices are also reassigned by the controller when the controller can only access one of a pair of devices. If it is necessary for any of the reasons described above to reconfigure the system the order of update will be as follows:

1) Increment the reconfiguration count in the global status pointer to show...

15/3/K/10 (Item 9 from file: 348)
DI ALCO(R) File 348: EUROPEAN PATENTS
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00208927

Digital data message transmission networks and the establishing of communication paths therein.

Digital Nachrichtenübertragungsnetzwerke und Aufbau von Übertragungswegen in diesen Netzwerken.

Réseaux de transmission de messages numériques et établissement des voies de communication dans ces réseaux.

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 221360 A2 870513 (Basic)

EP 221360 A3 890621

EP 221360 B1 921230

APPLICATION (CC, No, Date): EP 86113668 861003;

PRIORITY (CC, No, Date): US 795053 851104

DESIGNATED STATES: DE, FR, GB

INTERNATIONAL PATENT CLASS (V7): G06F-015/16;

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CLAMS B (English)	EPBBF1	533
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CLAMS B (German)	EPBBF1	789
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CLAI MS B (French)	EPBBF1	922
SPEC B (English)	EPBBF1	6505
Total word count - document A		0
Total word count - document B		8749
Total word count - documents A + B		8749

... SPECIFICATION If all nodes and links in the end-to-end route are active, the ROUTE-SETUP will be successful and an end-to-end route will be created.

Each routing table entry in each node traversed is marked as operative. If a node cannot forward the ROUTE-SETUP message to the next... a ROUTE FAILURE message identifying the inoperative link or node is generated and returned to the route origin for forwarding to the topology data base. The inoperative status is marked in the topology data base and that network element is not used in subsequent ROUTE-SETUP messages until its status changes.

As the ROUTE FAILURE message returns through each node identified in the ROUTE-SETUP, each node's routing table entry remains intact, with the ...

... becomes operative, the node routing table entries are used by ROUTE ELEMENT OPERATIVE messages (one in each direction around the point of failure) to follow the route back to the end node for forwarding to the topology data base(s) to indicate the operative status of the network element.

In either case, as the ROUTE ELEMENT OPERATIVE messages flow to the topology data base(s), the routing table entries are removed from the nodes along the route to recover the routing table space just as if the end-to-end route were being normally deleted after the termination of all sessions using the route.

The feedback mechanism functions in the face of both single point and multiple point failures along the route, as described in greater detail below.

The basic elements of the feedback mechanism of the preferred embodiment can be described by a set of rules, definitions, states and protocols which may be applied to any communication network having dynamic routing of the type herein described. The protocols are described in four operational cases.

RULES OF OPERATION, DEFINITIONS & STATES

1. Topology Data Base. There will exist one or more topology data bases which contain network node, connectivity and status data which can be used to select and end-to-end route through a communication network.

For each route element (that is, for each network...

... processor; and for each link, which can be either teleprocessing link, channel connection, local teleprocessing loop, Local Area Network, fibre optic line, or any other medium which can connect two host or communication processor nodes), there exists a set of parameters as follows: (see image in original document) These characteristics are well known in the art.

Various methods can be utilised to create the entries and element knowledge in the topology data base. They include operator input, a system...

IV. Text Search Results from Dialog - NPL

A. Abstract Databases

~

File 583: Gale Group Global base(TM) 1986-2002/ Dec 13
(c) 2002 Gale/Cengage

File 474: New York Times Abs 1969-2011/ Feb 18

(c) 2011 The New York Times
 File 475: Wall Street Journal Abs 1973-2011/Feb 14
 (c) 2011 The New York Times
 File 35: Dissertation Abs Online 1861-2011/Jan
 (c) 2011 ProQuest InfoLearning
 File 65: Inside Conferences 1993-2011/Feb 18
 (c) 2011 BLDS California rights reserved
 File 99: Wilson Appl. Sci & Tech Abs 1983-2011/Jan
 (c) 2011 The HW Wilson Co.
 File 256: TechTrends 1982-2011/Feb W
 (c) 2011 InfoSources Inc. All rights reserved
 File 2: INSPEC 1898-2011/Feb W
 (c) 2011 The IET
 File 5: Biosis Previews(R) 1926-2011/Feb W
 (c) 2011 The Thomson Corporation
 File 73: EMBASE 1974-2011/Feb 18
 (c) 2011 Elsevier B. V.
 File 155: MEDLINE(R) 1950-2011/Feb 16
 (c) format only 2011 Dialog
 File 34: SciSearch(R) Cited Ref Sci 1990-2011/Feb W
 (c) 2011 The Thomson Corp
 File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 2006 The Thomson Corp
 Set Items Description
 S1 5226255 MEDICAL MEDIUM OR CARRIER OR CARRIERS OR VEHICLE OR VEHICLES OR CARD OR CARDS
 S2 18682272 STATUS OR STATE OR STATES OR CONDITION OR CONDITIONS OR CATEGORY OR CATEGORIES OR MODE OR MODES
 S3 781366 S2(4N) (ASSIGN? OR ALLOCAT? OR CONFER? OR DESIGNAT? OR INDICAT? OR IDENTIFY? OR IDENTIFI? OR SELECT? OR SPECIFY? OR SPECIFI?)
 S4 561696 INACTIVE OR "NOT" ((ACTIVE OR USEABLE OR USABLE OR ENABL? - OR INABL? OR AVAILABLE OR ACCESSIBLE)
 S5 257774 S2(4N) (RECORD? OR CAPTUR? OR STOR? OR SAVE? ? OR SAVING OR RETAI? ? OR MAINTAIN?)
 S6 1142370 DATABASE? OR DATABASE? OR DATA((BASE OR BASES OR BANK OR BANKS OR FILE OR FILES OR SYSTEM? OR NETWORK? ?)
 S7 653835 S2(4N) (CHANG? OR MODIF? OR MANIPULAT? OR ADJUST? OR ALTER? OR AMEND? OR SWITCH? OR UPDAT?)
 S8 54329 S3 AND S1
 S9 1152 S8 AND S5
 S10 37 S9 AND S6
 S11 0 S10 AND S7
 S12 8 S10 NOT PY>1995
 S13 7 RD (unique items)
 S14 237164 S4 AND (ACTIVE OR ACTIVAT? OR ACTUAT? OR FUNCTI ON? OR WORK? OR OPERATI ONAL)
 S15 9 S9 AND S14
 S16 4 RD (unique items)
 S17 244 S8 AND S14
 S18 84 S17 NOT PY>1995
 S19 52 RD (unique items)
 S20 52 RD (unique items)
 S21 4 S20 AND S7

13/3, K1 (Item 1 from file: 35)
 DI ALCO(R) File 35: Dissertation Abs Online
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01355044 ORDER NO. AAD94-15593
 DEPENDENCE OF MEDIUM RANGE FORECAST ERROR ON PATTERNS IN THE INITIAL STATE (OROGRAPHIC FEATURES, STORM TRACKS, BAROCLINIC ZONES)
 Author: WALKER, DAVID ROBERT

Degree: PH. D.
Year: 1994

Corporate Source/Institution: UNIVERSITY OF VIRGINIA (0246)
Source: VOLUME 54/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 6255. 303 PAGES

DEPENDENCE OF MEDIUM RANGE FORECAST ERROR ON PATTERNS IN THE INITIAL STATE (CROGRAPHIC FEATURES, STORM TRACKS, BAROClinic ZONES)

A study of the once daily (0000 UTC) 1000 mb error fields of the National Meteorological Center's 80-wave Medium Range Forecast (MRF) model are presented. Time and space mean error fields over integration length and period of record are diagnosed. A reduction in the...

...stream region and United States-Canadian border) and persistent atmospheric features (Hudson Bay low, eastern Pacific subtropical high and Desert Southwest heat low).

This historical data base of 80-wave MRF model integrations is used to determine if different initial states produce distinctly different model forecast errors. Teleconnection indices defined by the 500 mb height field are used to identify patterns defined in the initial state of individual model integrations. The mean error patterns in the 80-wave MRF are significantly different at day-7 and day-10 using the Western...

13/3, K/2 (Item 2 from file: 35)
DI ALCO(R) File 35: Dissertation Abs Online
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01350731 ORDER NO. AAD94-10327
THE DEVELOPMENT AND TESTING OF A STANDARDIZED PROTOCOL FOR ANALYZING THE WASTE STREAM (SOLID WASTE, COMPOST)
Author: MARTIN, JOHN HANNON
Degree: ED. D.
Year: 1993
Corporate Source/Institution: WEST VIRGINIA UNIVERSITY (0256)
Source: VOLUME 54/11-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 5591. 86 PAGES

...recycled, or composted: plant debris, putrescibles, paper, metals, glass, textiles, chemicals, wood, soil, rock, reusable, plastics, and other. The information was then entered into a data base for statistical analysis to determine a sampling size for three levels of confidence (80, 90, 95) and two errors (1% and 2%). This formed the...

...of a written protocol for analyzing the waste stream.

This protocol was tested at a county sanitary landfill (5000 tons/month). Net load weight of vehicles with relatively pure loads of each of the categories were recorded. Randomly selected samples of mixed solid waste were separated into the thirteen categories. Each category was weighed and recorded. The result was presented in the following formats: (1) percentage by category; pure loads, mixed waste, combined total; (2) percentage by source; residential, institutional, commercial, industrial; (3) percentage by count, transportation modes; (4) percentage by weight, transportation modes; (5) an hourly vehicle count.

This study recommends that 45-200 lb. samples randomly collected will validly reflect (95% confidence level, 2% error) the composition of a given solid...

13/3, K/3 (Item 3 from file: 35)
DI ALCO(R) File 35: Dissertation Abs Online

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929507 ORDER NO: AAD86-19722
CAPACITY ANALYSIS OF MULTI HOP PACKET RADIO NETWORKS UNDER A GENERAL CLASS OF CHANNEL ACCESS PROTOCOLS AND CAPTURE MODES

Author: BRAZ, JOSE MANUEL REGO LOURENCO

Degree: PH.D.

Year: 1986

Corporate Source/Institution: STANFORD UNIVERSITY (0212)

Source: VOLUME 47/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2554. 294 PAGES

CAPACITY ANALYSIS OF MULTI HOP PACKET RADIO NETWORKS UNDER A GENERAL CLASS OF CHANNEL ACCESS PROTOCOLS AND CAPTURE MODES

... are within hearing range of each other, and thus multi hop operation is required. These networks represent the natural extension of point-to-point packet-switched data networks when mobile operation is desired. An important difference exists, however, with respect to the latter: due to the multi access nature of the radio channel, the...

... as the type of signaling and received power levels. The conditions under which a packet is successfully received in the presence of interfering packets are designated as the capture mode. Due to the existence of multi user interference, some form of coordination among the users is required when accessing the channel. This purpose is accomplished by...

... problem of the capacity analysis of a multi hop packet radio network; namely, given a network specified by its topology, traffic pattern, channel access protocol, and capture mode, finding the maximum feasible link traffics compatible with the given traffic pattern. In this thesis we start by examining the capture behavior obtained from different...

... protocols in a general class that includes some of the main protocols of interest for packet radio applications. Examples of protocols in this class are Carrier Sense Multiple Access (CSMA), Busy Tone protocols, Disciplined-ALCHA, and ALCHA. From this model we derive throughput measures, and develop algorithms for finding the network...

13/3, K/4 (Item 1 from file: 2)
DI ALCO (R) File: 2:INSPEC

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06291213

Title: A formalism for the specification of operationally embedded reactive systems [in aircraft guidance/navigation systems]

Author(s): Sherry, L. I.; Ward, J.

Affiliation(s):

1. Air Transp. Syst., Honeywell Inc., Phoenix, AZ, USA

Book Title: 14th DASC Digital Avionics Systems Conference IEEE (Cat. No. 95CH35873)

Inclusive Page Numbers: 416-21

Publisher: IEEE, New York, NY

Country of Publication: USA

Publication Date: 1995

Conference Title: Proceedings of 14th Digital Avionics Systems Conference

Conference Date: 5-9 Nov. 1995

Conference Location: Cambridge, MA, USA

ISBN: 0-7803-3050-1

U.S. Copyright Clearance Center Code: 0 7803 3050 1/95/\$4.00

Item Identifier (DOI): <http://dx.doi.org/10.1109/DASC.1995.482931>

Number of Pages: 516

Language: English
Subfile(s): C (Computing & Control Engineering)
INSPEC Update Issue: 1996-023

Copyright: 1996, IEE

Abstract: ...finite state machine. The operational procedure construct captures the embedded operational behavior of the system over all the missions in the life-cycle. The finite state machine captures the reactive behavior of the system. The model, captured in a data-base and interrogated through a graphical user-interface, can be used for simulation, analysis, and the generation of code and documentation.

Descriptor(s): aircraft computers; aircraft control; aircraft displays; aircraft landing guidance; aircraft navigation; computer aided software engineering; entity-relationship modelling; finite state machines; flowcharting; formal specification; object-oriented methods; real-time systems; systems analysis

International Patent Classification:

...G05D-0001/00 (Control of position, course, altitude, or attitude of land, water, air, or space vehicles, e.g. automatic pilot...)

13/3, K/5 (Item 2 from file: 2)
DI ALCO(R) File 2: INSPEC
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03776847

Title: Integrating a CD-ROM into an inhouse library system Sirsi's Lasertap

Author(s): Young, J. I

Affiliation(s):

1. Sirsi Corp., Huntsville, AL, USA

Journal: Library Hi Tech, vol.4, no.2, pp.51-3

Country of Publication: USA

Publication Date: Summer 1986

ISSN: 0737-8831

ISSN Type: print

CODEN: LIHTD2

Language: English

Subfile(s): C (Computing & Control Engineering)

INSPEC Update Issue: 1987-001

Copyright: 1987, IEE

Abstract: Sirsi Corporation has developed a CD-ROM interface for its integrated library system that provides access to MARC databases now available in that format. The MARC databases can be used in either an online or interactive mode. In the online mode, a host computer directly accesses the CD-ROM via a microcomputer. In the interactive mode, a staff member selects records from the CD-ROM and uploads them to a host computer.

Identifier(s): Sirsi Lasertop; inhouse library system; CD-ROM interface; integrated library system; MARC databases

International Patent Classification:

...Recording or reproducing by optical means, e.g. recording using a thermal beam of optical radiation, reproducing using an optical beam at lower power; Record carriers therefor...

13/3, K/6 (Item 3 from file: 2)
DI ALCO(R) File 2: INSPEC
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03424381

Title: High speed, large capacity data base for optical document file system

Author(s): Ozaki, Y. I

Affiliation(s):

1. Office Automation Syst. Div., Matsushita Graphic Commun. Syst. Inc.,
Osaka, Japan

Journal: National Technical Report, vol. 30, no. 4, pp. 582-6

Country of Publication: Japan

Publication Date: Aug. 1984

ISSN: 0028-0291

ISSN Type: print

CODEN: NTROAV

Language: Japanese

Subfile(s): C (Computing & Control Engineering); E (Mechanical & Production Engineering)

INSPEC Update Issue: 1985-009

Copyright: 1985, IEE

Title: High speed, large capacity data base for optical document file system

Abstract: ... processing is performed by a closely connected multiprocessor system (maximum 16 CPUs); (3) High speed, large capacity retrieval is made possible due to calculation of storage requirement for the retrieval condition, selection of the retrieval working area from the RAM or hard disk, and execution of retrieval commands.

Identifiers: multifile system; large capacity data base;

optical document file system retrieval system IR-20; optical disks; retrieval server; file server; multiprocessor system; storage requirement; retrieval working area

International Patent Classification:

G06F-0017/30 (Information retrieval; Database structures thereto...)

... Recording or reproducing by optical means, e.g. recording using a thermal beam of optical radiation, reproducing using an optical beam at lower power; Record carriers thereto...

13/3, K/7 (Item 1 from file: 73)

DI ALCO R/ File 73: EMBASE

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0072131133 EMBASE/Medicine No: 1982183706

Cost-effective methodology for work order records

Wtkowski T.

Med. Electr. Lab., Buffalo Gen. Hosp., Buffalo, NY 14203, United States

CORRESP. AUTHOR/AFFIL: Wtkowski, Thomas: Med. Electr. Lab., Buffalo Gen. Hosp., Buffalo, NY 14203, United States

Journal of clinical engineering (J. CLIN. ENG) (United States) April 1, 1982, 7/2 (165-171)

CODEN: JOEND ISSN: 0363-8855

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English

... medical electronics laboratory can be reduced with the implementation of a good recordkeeping system. One such orderly process includes a work order form, a device record card, and a status indication form. With consistent use, this system has met with success. It is anticipated that, with further development, the system can grow into a solid data base.

21/3, KV1 (Item 1 from file: 35)
DI ALCO(R) File 35: Dissertation Abs Online
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1025535 ORDER NO: AAD88-16419
THE EFFECTS OF PROTEIN KINASE C ON VOLTAGE-SENSITIVE CALCIUM UPTAKE AND
ENDOGENOUS DOPAMINE RELEASE FROM RAT STRIATAL SYNAPTOSONES

Author: CHANDLER, LAWRENCE JUDSON

Degree: PH.D.

Year: 1988

Corporate Source/Institution: THE UNIVERSITY OF TEXAS AT AUSTIN (0227)

Source: VOLUME 49/08-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3030. 157 PAGES

... 2+ \$ uptake, measured simultaneously with dopamine release, was increased by 7 and 10% respectively. Neither \$ \sp{45} Ca\$ \sp{2+} \$ uptake nor dopamine release was altered under non-depolarizing conditions (5 mM KCl). The time course of the TPA effect, \$ \sp{45} Ca\$ \sp{2+} \$ uptake and dopamine release was measured after 1, 3, 5 ...

... was different from control. To determine the extracellular calcium dependency of the TPA-induced increase in dopamine release, experiments were performed in calcium-free incubation medium containing EGTA. Peptacine extracellular calcium with 100 \$ \mu\$M EGTA caused a 53% reduction in \$ \sp{45} Ca\$ \sp{2+} \$ stimulated (60 sec) endogenous dopamine release and decreased \$ \sp{45} Ca\$ \sp{2+} \$ to 120 nM TPA (1.6 \$ \mu\$M) increased \$ \sp{45} Ca\$ \sp{2+} \$ stimulated dopamine release by 25%. In calcium-free medium 30 mM KCl did not stimulate an increase in the \$ \sp{45} Ca\$ \sp{2+} \$ i. TPA (1.6 \$ \mu\$M) did not alter the \$ \sp{45} Ca\$ \sp{2+} \$ i under resting or depolarizing conditions. The inactive \$ \alpha\$-1 phorbol had no effect under any of the above experimental conditions. These observations indicate that in striatal synaptosomes, protein kinase C activation does not affect calcium uptake through voltage-sensitive calcium channels. The demonstration that TPA induced an increase in dopamine release without an increase in the...

21/3, KV2 (Item 1 from file: 5)
DI ALCO(R) File 5: Biosis Preview(R)
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11817284 BIOSIS NO: 199395119550

Presence of an inhibitor of RNA polymerase I mediated transcription in extracts from growth arrested mouse cells

AUTHOR: Kerrekshiev Miko; Muramatsu Masami (Reprint)

AUTHOR ADDRESS: Dep. Biochem., Saitama Med. Sch., 38 Morohongo Moroyama, Iruma-gun, Saitama 35004, Japan**Japan

JOURNAL: Nucleic Acids Research 21 (3): p447-453 1993

ISSN: 0305-1048

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Extracts obtained from mouse cells growth arrested at stationary phase or under serum starvation exhibit no specific rDNA transcription activity. Experiments with mixed transcriptionally active and inactive whole cell extracts (WCE) obtained from rapidly dividing or growth arrested cells, respectively, demonstrate that rRNA synthesis in vitro can be suppressed by a polymerase I transcription inhibitory activity (PIN), present in inactive extracts. This inhibition effect is not related to increased nuclease activity and affects neither the non-specific Pol I transcription, nor a polymerase II promoter. A comparison of WCE isolated under different growth conditions indicates that PIN

changes according to the physiological state of the cell. It reaches a maximal level soon after serum depletion and disappears rapidly when cells are allowed to recover in serum rich medium. PIN can be clearly demonstrated in VCE but not in nuclear or cytoplasmic extracts and can be also obtained by an additional high salt extraction of nuclei. Furthermore, gel retardation and transcription-in-pellet assays demonstrate that rDNA promoter binding and preinitiation complex stability are similar in active and inactive VCE. This indicates that some later stage(s) of rDNA transcription, rather than the preinitiation complex formation, are attenuated by inactive extracts. Analysis of partially fractionated extracts suggests that PIN is not associated with but can be separated from polymerase I.

21/3, K/3 (Item 2 from file: 5)
DI ALCS(R) File 5: Biosis Preview(R)
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06257586 BI CSIS NO.: 198171076545
THE EFFECT OF POTASSIUM AND SODIUM CHLORIDES AND NITRATES ON CHLOROPHYLLASE
ACTIVITY IN VITRO
AUTHOR: TSNEVA P N (Reprint)
AUTHOR ADDRESS: BULGAR PLANT PHYSIOL, KLEMENT CHIRSKI SCI A UNIV,
SOFIA, BULGARIA
JOURNAL: Fiziologiya na Rasteniyata (Sofia) 6 (3): p46-54 1980
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: BULGARIAN

...ABSTRACT: of substrate disintegrated for 10 min at 25° C in the presence of chlorides and nitrates. The salts were introduced directly to the incubation medium or were added to the extracting phosphate buffer having pH 7.2, with which the samples remained for one day and then chlorophyllase was fractionated by filtration into soluble and insoluble. In both cases the activating concentrations were 0.05-0.1 or 0.05-0.2 M while 0.5 M was the inhibiting concentration, but no specificity of individual ion effect was observed. It is assumed that chlorophyllase activity is determined by the ion strength of the medium which changes its molecule hydration. The sum total activity of soluble and insoluble chlorophyllase was higher compared to that of the starting preparation, which indicates that ions contribute for the disruption of intermolecular ties in the complexes and for deblocking an inactive enzyme. Chloride and nitrate anions had an activating effect on soluble chlorophyllase. In small quantities they eliminated the inhibiting effect of high ion strength in the medium and ensured the manifestation of 2 maxima in the enzyme activity, at 0.1 and 0.5 M. The 1st one depends more on NC8- while the 2nd depends on Cl-. It is assumed that chlorophyllase aggregation is changed under the specific conditions existing in the medium.

21/3, K/4 (Item 1 from file: 34)
DI ALCS(R) File 34: Sci Search(R) Cited Ref Sci
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03144752 Genuine Article #: NJ946 No. References: 50
Title: CLUSTER STRUCTURE AND H-BONDING IN NATIVE, SUBSTRATE-BOUND, AND 3FE FORMS OF ACCONITASE AS DETERMINED BY RESONANCE RAMAN SPECTROSCOPY
Author: KIPATRICK LK; KENNEDY MC; BEINERT H; CZERNUSZEWSKI RS; QUDI; SPIRO TG
Corporate Source: PRINCETON UNIV, DEPT CHEM PRINCETON/NJ/08544; PRINCETON

UNIV, DEPT CHEM PRINCETON / NJ 08544; MED COLL WISCONSIN, DEPT BIOCHEM M LAWAKEE / WI 53226; MED COLL WISCONSIN, BIOPHYS RES INST M LAWAKEE / WI 53226; UNIV HOUSTON, DEPT CHEM HOUSTON / TX 77004
Journal: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 1994, V116, N9 (MAY 4)
P4053-4061
ISSN: 0002-7863

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

... Abstract: near-UV regions, have been investigated for aconitase with and without substrate and inhibitors, using S-34, O-18, and H-2 labeling of the active site or substrate. The Fe-O stretching vibrations of bound hydroxide, substrates, or inhibitors are not resonance enhanced. However, their influence is detectable in O...

... Fe4S4b) S-3(t) cluster and in the frequency elevation of one of the FeS modes from ca. 360 to 372 cm(-1). The FeS modes have all been assigned. Their frequencies and S-34(b) shifts are reproduced via normal mode calculations on a cluster model with ethyl thiolate ligands, provided that the FeS...

... which OH is attached and strengthening of the bonds to the remaining Fe atoms. The frequencies and isotope shifts are likewise, reproduced for the 3Fe inactive form of aconitase if allowance is made for further strengthening of the bonds to the doubly bridging S atoms, once Fe-a is removed. D2O...

... 360-cm(-1) FeS band likewise shifts 2 cm(-1) in D2O, and the intensification of this band upon substrate or inhibitor binding indicates an alteration in the excited state of the H-bond interaction with a terminal sulfur atom. In addition, resonance enhancement is observed for amide modes involving C=O stretching (amide I)...

... Identifiers: BEEF-HEART ACONITASE; IRON-SULFUR CLUSTERS; ELECTRON-PARAMAGNETIC RESONANCE; <4Fe-4S>+ CLUSTER; ACTIVATED ACONITASE; INHIBITOR BINDING; 4Fe-4S CLUSTER; PROTEINS; SPECTRA; MOSSBAUER

Research Fronts: 92-1684-001 (HIGH PRESSURE DIAMOND ANVIL CELL; SILICA GLASS; COHERENT PHONONS; LOW TEMPERATURE VIBRATIONAL-RELAXATION; MEDIMUM RANGE ORDER)

92-2184-001 (POSTTRANSCRIPTIONAL REGULATION OF TRANSFERRIN RECEPTOR MESSENGER-RNA; IRON-RESPONSIVE ELEMENT BINDING; PROTEIN; FERRITIN GENES)
? t s16/3, k/all

16/3, K/1 (Item 1 from file: 35)
DI ALCO (R) File: 35: Dissertation Abs Online
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02132705 ORDER NO: AADA-13204560

Power efficiency through I/O access pattern reshaping

Author: Papathanasiou, Athanasiou E.

Degree: Ph. D.

Year: 2005

Corporate Source/ Institution: University of Rochester (0188)

Source: VOLUME 67/02-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 989, 156 PAGES

ISBN: 978-0-542-52750-0

... power management has led to the development of hardware devices with low-level power management support. I/O devices like hard disks and wireless network cards support non-operational low power modes that can save energy during periods of inactivity. Unfortunately, several workloads lead to access patterns that low-power modes cannot exploit for power efficiency. This dissertation proposes high-level I/O access pattern reshaping for power...

... burstiness and exploiting hardware concurrency.

Bursty access patterns increase opportunities for power management by increasing the length of periods during which a device remains inactive. The dissertation proposes a set of prefetching and caching enhancements that lead to a significant increase in idle interval lengths. The proposed enhancements have been implemented in the Linux operating system and evaluated experimentally. They lead to disk energy savings of up to 80% and wireless network card energy savings of up to 30% with little or no reduction in throughput or interactive responsiveness. The dissertation also presents and validates a generic model...

... improve power efficiency. One can exploit the performance benefit achieved through hardware parallelism to reduce the power consumption of server-class disk arrays. Based on state of the art disk specifications, one could replace each server-class disk with a mirrored disk array of three power-efficient laptop-class disks. A new scheduling policy for disk array I/O requests can then exploit the variability of server workloads by diverting accesses to a small subset of the disks during periods of low or moderate load, allowing disks that represent excess capacity to power...

16/3/K/2 (Item 1 from file: 5)

DI ALCO (R) File 5: Biosis Preview(R)

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18560059 BCISS NO: 200510254559

Evidence for a mechanism of amyloid formation involving molecular rearrangement within native-like precursor aggregates

AUTHOR: Plakoutsi, Georgia; Bemporad, Francesco; Calamai, Martino; Taddei, Nicco; Dobson, Christopher M; Chiti, Fabrizio (Reprint)

AUTHOR ADDRESS: Univ Florence, Dipartimento Sci Biochim, Viale Morgagni 50, I-50134 Florence, Italy**Italy

AUTHOR E-MAIL ADDRESS: fchiti@ciBio.unifi.it

JOURNAL: Journal of Molecular Biology 351 (4): p910-922 AUG 26 2005 2005

ISSN: 0022-2836

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: The aggregation of the alpha/beta protein acyl phosphatase from Sulfolobus solfataricus has been studied under conditions in which the protein maintains a native-like, although destabilised, conformation and that therefore bear resemblance to a physiological medium. Static and dynamic light-scattering measurements indicate that under these conditions the protein aggregates rapidly, within two minutes. The initial aggregates are enzymatically active and have a secondary structure that is not yet characterized by the high content of cross-beta structure typical of amyloid, as inferred from Fourier transform infrared and circular dichroism measurements. These species then convert slowly into enzymatically inactive aggregates that bind thioflavine T and Congo red, characteristic of amyloid structures, and contain no extensive beta-sheet structure. Transmission electron microscopy reveals the presence in...

... dissolution and re-nucleation of the aggregates. Formation of thioflavin T-binding and beta-structured aggregates is substantially more rapid than unfolding of the native state, indicating that the initial aggregation process promotes formation of amyloid structures. Taken together, these findings suggest a mechanism of amyloid formation that may have physiological relevance...

16/3, K/3 (Item 2 from file: 5)
DI ALOG(R) File 5: BiOSIS Preview(R)
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15916548 BIOSIS NO: 200100088387

Integrin regulation of hyperpolarization-activated mixed cation current (IH) development in hippocampal pyramidal neurons

AUTHOR: Barish M E (Reprint); Vasilyev D

AUTHOR ADDRESS: Beckman Research Institute of the City of Hope, Duarte, CA, USA** USA

JOURNAL: Society for Neuroscience Abstracts 26 (1-2): pAbstract No.-337.6 2000 2000

MEDLINE print

CONFERENCE/MEETING: 30th Annual Meeting of the Society of Neuroscience New Orleans, LA, USA November 04-09, 2000; 20001104

SPONSOR: Society for Neuroscience

ISSN: 0190-5295

DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Abstract

LANGUAGE: English

Integrin regulation of hyperpolarization-activated mixed cation current (IH) development in hippocampal pyramidal neurons

ABSTRACT: The hyperpolarization-activated mixed cation current (IH) is an important regulator of rhythmic activity in many CNS neurons (as well as cardiac muscle), and IH has also been...

...factors controlling the development of IH, we grew slices of hippocampus isolated from postnatal day 0-1 mice on semi-permeable inserts in serum-free medium (Neurobasal/B-27). Slices were exposed for 3-4 days from the time of isolation to the integrin ligand vitronectin (10 μ g/ml) and/or an RGD-containing integrin antagonist peptide (GRGDSP; 200 nM). IH was recorded in whole-cell mode from visually-identified CA3 pyramidal neurons, and was isolated from the potassium inward rectifier IK(1R) by the differential sensitivity of IK(1R) to rapid application of Ba²⁺.

...p < 0.01, n = 9-10), and that this action of vitronectin was blocked by exposure to RGD sequence-containing peptide. A peptide containing an inactive RAD sequence was ineffective against vitronectin. Further, exposure to RGD sequence-containing peptide alone did not affect IH development. Sensitivity to integrins and integrin antagonists...

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ...hyperpolarization-activated mixed cation current...

16/3, K/4 (Item 3 from file: 5)

DI ALOG(R) File 5: BiOSIS Preview(R)
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11970844 BIOSIS NO: 199396135260

Voltage-activated ionic currents in goldfish pituitary cells

AUTHOR: Price Christopher J; Goldberg Jeffrey I; Chang John P (Reprint)
AUTHOR ADDRESS: Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9, Canada** Canada

JOURNAL: General and Comparative Endocrinology 92 (1): p16-30 1993

ISSN: 0016-6480

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

Voltage-activated ionic currents in goldfish pituitary cells

... ABSTRACT: recordings suggested that all goldfish pituitary cells possess voltage-dependent Na^+ , Ca^{2+} , and K^+ currents. These currents were further characterized independently under isolated current recording conditions. The rapid, transient Na^+ current activated at voltages more positive than -40 mV and was sensitive to tetrodotoxin. The steady state inactivation of this Na^+ current was also voltage-dependent; at the measured resting potential, $\geq 50\%$ of the Na^+ current was not available for activation. The voltage-dependence and activation kinetics of the tetraethyl ammonium-sensitive K^+ current resembled those of the delayed rectifier K^+ current. The K^+ current activated slowly at potentials more positive than -40 mV, and showed little inactivation over the duration of a 1-sec depolarizing pulse. Steady-state inactivation characteristics indicated that $\geq 50\%$ of the K^+ current was inactivated at resting potentials. Experiments with 4-aminopyridine indicated the presence of an early transient K^+ current that activated in a similar voltage range as the delayed rectifier current. Using barium as the charge carrier to measure Ca^{2+} currents, a high-voltage activated, long-lasting Ca^{2+} current was revealed. This "L-type" Ca^{2+} current activated at potentials more positive than -30 mV and was inhibited by verapamil and nifedipine. This study indicates that goldfish pituitary cells possess the electrophysiological properties...

B. Full-text Databases

Set	Items	Description
S1	17476961	MEDIA OR MEDI UM OR CARRIER OR CARRIERS OR VEHIC LE OR VEHIC LES OR CARD OR CARDS
S2	36137214	STATUS OR STATE OR STATES OR CONDI TI ON OR CONDI TI ONS OR CATE GORY OR CATE GORIES OR MODE OR MODES
S3	781459	S2(4N) (ASSIGN? OR ALLOCAT? OR CONFER? OR DESIGNAT? OR INDICAT? OR IDENTIFI? OR IDENTIFI? OR SELECT? OR SPECIFY? OR SPECIFI?)
S4	421637	INACTI VE OR "NOT" ((ACTI VE OR USEABLE OR USABLE OR ENABL? - OR INABL? OR AVAI LABLE OR ACCESSI BLE)
S5	723011	S2(4N) (RECORD? OR CAPTUR? OR STOR? OR SAVE? ? OR SAVI NG OR RETAI N? OR MAINTAI N?)
S6	1693220	DATABASE? OR DATABANK? OR DATA((BASE OR BASES OR BANK OR BANKS OR FILE OR FI LES OR SYSTEM? OR NETWORK? ?)
S7	956087	S2(4N) (CHANG? OR MODI F? OR MANI PULAT? OR ADJUST? OR ALTER? OR AMEND? OR SWTCH? OR UPDAT?)
S8	32078	S3(30N) S1
S9	4568	S5(30N) S6
S10	3456275	S2(30N) (S4 OR ACTI VE OR ACTI VAT? OR ACTUAT? OR FUNCTI ON? OR

		WORK? OR OPERATIONAL)
S11	34	S8(10S)S9
S12	14	S11(10S)S10
S13	0	S12 NOT PY-1995
S14	2	S11 NOT PY-1995
S15	2	RD (unique items)
S16	5236	S8(10S)S10
S17	381	S16(10S)S6
S18	17	S17 NOT PY>1995
S19	13	RD (unique items)

15/3, K/1 (Item 1 from file: 634)
 DI ALCO R) File 634: San Jose Mercury
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07759101
 DISCLOSED SCIENTIFIC DOCTORS JUDGE SAYS STATE MEDICAL BOARD MUST EXPAND
 POLICY FOR CONSUMERS
 San Jose Mercury News (SJ) - Thursday, September 15, 1994
 By: Mercury News Staff Report
 Edition: Morning Final Section: California News Page: 3B
 Word Count: 232

The newspapers sought to obtain the board's entire computer data base of an estimated 3,000 doctors who have been disciplined.

Warren's oral ruling determined that the board's disclosure policy was selective and violated the state public records act, said attorney Judy Alexander, who represented the newspapers.

The board had argued that to provide the data base to the media, the state would have to spend thousands of dollars and 216 hours to have special software prepared. But a court-appointed computer expert determined that...

15/3, K/2 (Item 1 from file: 813)
 DI ALCO R) File 813: PR Newswire
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0093430 D0024B
 CALIFORNIA PIONEERS RESEARCH ON STATE USE OF BIOMETRIC IDENTIFICATION
 TECHNOLOGY

DATE: July 29, 1988 17:04 E.T. WORD COUNT: 609

...the act, Congress called upon the states to design a nationally uniform system for commercial drivers which includes CDL classifications, testing in the type of vehicle to be driven and uniform penalties for commercial drivers who commit serious traffic violations.

An AAMVA Biometric Identifier Multi-State Steering Committee has been appointed to oversee the California project. Although primary and secondary research is now being conducted, long-term funding for the development...

...the only state which currently requires a finger or thumb print as a condition of licensure.

The steering committee is calling for a procedure whereby states would capture a fingerprint -- either by the traditional manual system or electronically -- and then transfer that data to a

centralized biometric data base.

A centralized system was recommended for several reasons: lower costs to the states, and, therefore, lower costs to the motor carrier industry; lower overall system...

19/3, K/1 (Item 1 from file: 634)
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04542915
WTH BOOKMART DATA BASE, USERS WILL BROWSE BY MODEM
SAN JOSE MERCURY NEWS (SJ) - Sunday, May 29, 1988
By: Associated Press
Edition: Morning Final Section: Computing Page: 8F
Word Count: 402

"We consider this the latest exercise of First Amendment rights," said company President Joe Barcheski.

The data base will also allow publishers to scan new books.

BookMart is the brainchild of writer Samuel Bleeker, who along with two partners has formed PubTronix, based...

... company, however, will have to pay \$250 a year for each computer listing.

After browsing listings by subject, author or title, readers can order a work by credit card and get it on a floppy disk, or in book form if it has been published, Barcheski said.

PubTronix announced BookMart at the Florida State Writer's Conference this month in an effort to attract unpublished writers seeking a forum outside the publishing world.

"In the next few weeks we will also be..."

...when the start-up date is set, Barcheski said.

In addition to books, Barcheski, Bleeker and Herb Rubinsky, president of PAC, plan to use the data base to sell rare books, such as first editions and those carrying an autograph that would be of interest to a national audience. The men also...

19/3, K/2 (Item 1 from file: 810)
DI ALCG R File 810: Business Wre
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0510738 BW189

TECHGNOSIS: TECHGNOSIS, INC. ANNOUNCES THE AVAILABILITY OF SEQUELINK 3.0(TM)

August 21, 1995

Byline: Business Editors

... functionality available from each of the servers it communicates with. The database server can now be queried as to what functionality is available from the database at run time. Truly open applications can now be developed with this unique technology.

This functionality has been made possible with the addition of a new general API call known as SQLProvide. As an example, client application source code when executing a database might take advantage of that database's stored procedure functionality. The same source code would not even attempt to request stored procedure functionality from another database.

Streaming BLOB Support

Binary large objects (BLOB) are application specific types such as images, sound, formatted and multi-media movies. Applications can now request BLOBs in fetch (streaming) mode without having to pre-allocate memory within the application space. The BLOB size is limited only by the maximum size of DBMS. This functionality provides the most practical method for an application to handle large binary data types.

Apple Macintosh ODBC Support

Sequelink provides full connectivity to ODBC-compliant Apple Macintosh applications. Consistent high performance access across enterprise networks and databases is made available with a single driver for the first time to Macintosh ODBC clients.

Windows NT Server Support

Sequelink provides support for Windows NT as a database server platform. Initial database support includes Microsoft-SQL Server and Oracle via TCP/IP.

Systems Requirements

Sequelink supports leading client and server environments including, MS Windows, Windows NT, UNIX...

19/3, K/3 (Item 2 from file: 810)
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0474050 BW247

3M TRAFFIC & SAFETY 2: 3MTM Intelligent Fleet Operations System A turn-key solution to increase transit ridership and cut costs

March 29, 1995

Byline: Business Editors & Transportation Writers

...At the Transit Center

The 3M INFO System provides transit managers a user-friendly set of tools designed to provide a constant picture of the active fleet. It reports exceptions -- those individual vehicles not running on plan -- and also allows the transit managers to request the status of any specific vehicle.

In addition, the system's data base generates accurate, useful summary reports. This information helps transit managers plan better routes, assign drivers more productively, improve service throughout the system and lower operating...

19/3, K/4 (Item 3 from file: 810)
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0464729 BW0056

MATRIX: MATRIX ASIA JOINT TONG AND MOTOROLA IN DEAL TO SET UP WIRELESS DATA NETWORK IN CHINA

February 16, 1995

Byline: Business Editors

...Asia, a unit of Matrix Telecommunications Ltd. (MTL) (NASDAQ: MRXTY), a leading Australian paging, messaging and telecommunications provider, today announced that it has agreed to work with China's Ji Tong Communications Ltd. and Motorola of the US to set up a wireless data network in China.

Ji Tong is a state owned company established in 1993 with the explicit task of improving China's data communication network. Matrix said. The Chinese State Council assigned Ji Tong the task of developing three "Golden Projects," including Golden Bridge, a national information network of stored and real time data, Golden Card, a bank credit payment and authentication network, and Golden Customs, a network that connects all customs offices.

Matrix said the demand for wireless data communications...

19/3, K/5 (Item 4 from file: 810)
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0447727 BW044

BANYAN SYSTEMS: Banyan Systems announces BeyondWare architecture for extending functionality of enterprise messaging

November 30, 1994

Byline: Business Editors & Computer Writers

...enables applications to be tightly integrated with BeyondMail. The degree of integration can range anywhere from user interface coupling to direct connections with the proprietary database formats of third-party applications.

At the infrastructure level, BeyondWare solutions take advantage of the underlying message transport, message store and directory services of Banyan...

...simplifying use and administration, minimizing overhead and increasing the return on investment of the messaging network.

BeyondWare Partners

Through BeyondWare, Banyan has identified seven strategic categories of applications whose integration with messaging delivers unique solutions. These categories are calendaring/scheduling, collaboration, database access, document imaging, forms routing and workflow, and document management.

To provide customers with the best solutions in each of these categories, Banyan has established partnerships with strategic third-party vendors, VARs and systems integrators whose products represent leading-edge technology or whose services and integration expertise...

...in the County of San Bernardino," said David Horwatt, vice president of sales for General Networks, a Banyan/BeyondMail reseller.

"BeyondMail has been the key vehicle for adding workflow to document management solutions, as well integrating CalNDAR to manage the scheduling of people and tasks."

A selection of the BeyondWare categories includes:

Database Access: In this BeyondWare category, Banyan has delivered a solution through BeyondMail. BeyondMail can be used as an email-based database front end, allowing administrators to provide their users with direct and efficient access to corporate databases.

Users simply interact with custom BeyondMail forms to query or update the database, giving them the ability to manage all of their information from within a robust electronic mail environment. Administrators also benefit from the reduced number of simultaneous connections to the database server, reduced desktop networking complexity, and the ability to implement database access without training users.

Additionally, a new native ODBC extension to the Beyond rules technology is now available, free of charge, as a BeyondMail Add...

19/3, K/6 (Item 1 from file: 813)
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0894757 SJTU005
TRIMBLE GPS AVL HITS THE ROAD IN THREE NEW CITIES

DATE: December 19, 1995 06:30 EST WORD COUNT: 771

... controller with a built-in GPS receiver, a EchoXL message data terminal, and base station software packages for AVL management and communications control. These products work together to track vehicles or report vehicle/crew status. Trimble's GPS/AVL Subsystem provides up to five reports per second so the dispatcher can receive continuous feedback from the fleet. This information can...

... or used for display on an electronic map. For map display, Trimble uses its own StarView™ real-time map display application software that graphically indicates vehicle location and status against a backdrop of scalable maps. Trimble also offers Geographical Information System (GIS) tools and services for making CAD geofiles and custom map databases AVL ready.

Trimble has extensive experience providing complex GPS-based tracking systems for customers with both small and large operations. These customers include the police...

19/3, K/7 (Item 2 from file: 813)
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0832686 NY017
ORACLE ANNOUNCES SHIPMENT OF SQL NET 2.2

DATE: June 19, 1995 08:16 EDT WORD COUNT: 568

... An industry first, Oracle has expanded its global naming services by integrating into Oracle 7 support for industry-standard name services. Also for the first time, database and network administrators can proactively monitor and administer heterogeneous, distributed Oracle 7 environments through SQL Net's support of SNMP, the industry standard for network management...

... CDS) and Sun NIS/ Yellow Pages to use the naming service with which they are already familiar in their Oracle environment. In order to resolve database names and addresses in a distributed environment,

administrators need only to store a name once in the naming service of their choice and this name...

...be proactively monitored through SNMP-based platforms, such as HP OpenView, IBM NetView 6000, Novell Netware Management Systems, SunSoft SunNet Manager, and DEC PCLYCENTER/NetView. Database and network administrators can now readily track and address potential system problems before they reach a critical state.

"Implementing SNMP support for Oracle databases will provide us with the opportunity to develop new monitoring, control and reporting functions," said Jim Stone of ITT Hartford Insurance Enterprise Systems Planning and Support. "SNMP support also offers us the potential to enhance and automate the day..."

...the Oracle environment."

Also shipping with SQL Net version 2.2 is Oracle Network Manager version 3.0, which provides the administrative capability to store database names and addresses in the same service of the user's choice. Oracle Network Manager administers and manages all SQL Net network services in an...

...configure as well as maintain the entire network by dragging and dropping icons onto it.

In addition, SQL Net Version 2.2 furthers support for state-of-the-art user identification and authentication based on single sign-on servers and token card devices through Secure Network Services Version 2.0 due out later this year. SQL Net version 2.2 is available on all platforms supporting Oracle7...

19/3, K8 (Item 3 from file: 813)
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0766067 PG004
USX ENGINEERS & CONSULTANTS MARKETING LOGISTICS SERVICES

DATE: November 29, 1994 09:39 EST WORD COUNT: 598

...individual contracts to suit the specific client, with services ranging from a complete third-party logistics package to handling just one or a few distribution functions which a company might need."

UEC Logistics Services offers: commercial carrier evaluations and selection of various transport modes; rating and routing; equipment scheduling; carrier performance measurement; rail car movement monitoring analysis and fleet management; freight-rate quotations and negotiations; processing of loss, damage and overcharge claims; packaging and loading applications; database management; freight bill audit and carrier payments; management information and control reports; and electronic data interchange (EDI) communication.

"In offering the broad range of domestic...

19/3, K/9 (Item 4 from file: 813)
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0458210 FL004
FUTURE OF AUTOMOBILE TRAVEL UNVEILED IN ORLANDO

DATE: March 24, 1992 10:33 EST WORD COUNT: 563

, March 24 / PRNewswire/ -- TravTek, a one-year test of the nation's most advanced intelligent vehicle/highway system will begin Wednesday in Orlando, Fla., as motorists drive specially equipped cars onto the most extensive network of "smart" roads and highways in the United States.

At a news conference announcing tomorrow's start of the \$12 million project, U.S. Secretary of Transportation Andrew Card congratulated Orlando Mayor Bill Frederick, Florida Secretary of Transportation Ben G. Watts, American Automobile Association President Paul R. Verkuil and General Motors Research and Environmental Staff Vice President Robert A. Frosch for working with the Federal Highway Administration to jointly develop TravTek.

"TravTek -- short for Travel Technology -- instantly provides drivers with access to video map displays; audio and visual driving directions; current traffic conditions; emergency assistance; and information on about hotels, restaurants, local attractions and special events," Card said.

"The system is a much needed exploration of technologies that can...
...and other sources of traffic information. Satellite technology, magnetic compasses and wheel sensors are used to pinpoint the car's location on a navigable map data base provided by AAA.

Information is processed by micro-computers developed by General Motors for this project and is displayed on a color video monitor in...

19/3, K/10 (Item 5 from file: 813)
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0443387 CL012
UNION SWITCH & SIGNAL TO PROVIDE STATE-OF-THE-ART, INTEGRATED CONTROL SYSTEM FOR BOSTON'S MBTA

DATE: February 7, 1992 15:21 EST WORD COUNT: 521

...7 / PRNewswire/ -- Union Switch & Signal Inc. (US&S) announced that it has been awarded a \$25.6 million contract to design, build, and install a state-of-the-art, integrated transit control system for the Massachusetts Bay Transportation Authority (MBTA). US&S will merge two operational sub-systems -- the application control system (ACS) and the operations reporting system (CRS) -- into what will be the most comprehensive and sophisticated transit Operations Control...

...provision which will set priorities for

dispatchers enabling them to manage and clear multiple events as well as the capability for dynamic reassessments according to operational conditions -- all from a single keyboard or computer mouse.

According to Walter Alessandrini, president and chief executive officer of Union Switch & Signal who made the announcement ...

... overview of MBTA's light and heavy rail operations
-- displaying the entire panorama of MBTA's rail territory.

The CRS will provide on-line, relational database management featuring nearly instantaneous access, retrieval, and reporting of data. CRS dispatchers will be able to view CRT screens for up-to-the-minute information on items such as schedules, const requirements, vehicle identification and status.

A centralized traffic control (CTC) component will oversee track circuit status, switch and signal controls and indications, local and remote control of interlockings and block...

19/3, K11 (Item 6 from file: 813)
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0342314 DE016
GM SERVICE TECHNOLOGY GROUP SUPPORTS THEIR DEALERS' SERVICE OPERATIONS

DATE: February 6, 1991 11:38 EST WORD COUNT: 1,145

... assuring that every customer has total satisfaction with GM products for satisfying ownership experience. To successfully achieve this goal, GM is providing its dealers with state-of-the-art diagnostic technology and professional skills training. And they aren't stopping there. GM is working with its dealers to keep the public informed about the benefits of dealer-provided service and the continuous improvement of service technologies.

To provide dealers...

... intelligent diagnostics and technical service systems available anywhere in the industry. Designed expressly for GM dealers' use, Techline products are supported by the largest single data base for automotive diagnostics in the world. From a hand-held diagnostic tool, to an entire technical service information system, to an integrated diagnostic and service...

... allows the service information stored in the Tech 1 to be viewed on the T-15 for cross referencing and comparison with the GM vehicle data base. (The Tech 1 and T-15 are key control points in keeping PROMS updated.) In addition, Voice CD ROM capability has been included in the...

... The plan promotes health check-ups for GM vehicles. With GM Techline diagnostics, customers can have their vehicle's health evaluated quickly and accurately. The vehicle can get a "Techline KARDIAGRAM" (TKG) or vehicle "Health Check-up," which are computerized vehicle analyses of the engine. A customized computer printout is generated providing specific information on the health status of the vehicle.

GM is emphasizing vehicle maintenance provided by the dealer because the customer can be assured of expert care at any GM dealership. With the aid of the computerized analytical...

19/3, KW 12 (Item 7 from file: 813)
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0316426 MN008
MINNESOTA LAUNCHES TECHNICAL, BUSINESS ASSISTANCE PROGRAM FOR SMALL COMPANIES

DATE: October 29, 1990 11:12 EST WORD COUNT: 762

...000 experts in science and technology, pursue licensable technologies available through the University of Minnesota, and electronically search more than 1,000 business and technical databases for patent, technical and business information.

In addition, each request for information is handled by experienced technical staff who interact directly with companies to help...

...information and national industry expertise," said Candace Campbell, president of Minnesota Project Outreach Corporation, which manages the service. "It is also designed to leverage the state's existing expertise and opportunities, especially those offered through the University of Minnesota."

The system works through a personal computer, telephone, and a dedicated phone line, with a Minnesota Project Outreach staff person interacting directly with business people via the telephone as needed.

Initially, the service will be available at up to 75 public access sites, including technical colleges, Small Business Development Center offices, selected state universities and University of Minnesota campuses, and other locations. In addition, Minnesota Project Outreach Corporation will provide 400 charter subscriptions to small and medium sized companies and entrepreneurs with annual sales revenues of less than \$10 million. Subscribers must be involved in producing a product or providing a service...

19/3, KW 13 (Item 1 from file: 9)
DI ALCO(R) File 9: Business & Industry(R)
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00569581 Supplier Number: 23086612 (USE FORMAT 7 OR 9 FOR FULLTEXT)
DEC to Introduce PC Application Server With 6 EISA, 6 PCI Slots
(Digital Equipment introduces Prioris range of PC servers; first model is
HX with 6 EISA and 6 PCI slots)
CommunicationsWeek, n 534, p 87
December 05, 1994
DOCUMENT TYPE: Journal ISSN: 0748-8121 (United States)
LANGUAGE: English RECORD TYPE: Full text
WORD COUNT: 443

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

... English.

At 27 branches, the servers will provide file service by Microsoft Corp. Windows NT plus vital applications—a loan-origination system, a SQL Server database for tracking customer contracts and demographics, a farm record-keeping system and links to mainframe-based accounting functions via SNA Server, Rackliffe said.

"We want ed...

...Pentium and future processors, he said.

DEC also said it will ship this month its Remote Server Manager, which was promised last March. The ISA card plus software, which lets network managers check basic server operating conditions and control select functions, costs \$999, Petrofsky said. The card for monitoring additional servers costs \$799.

~~

File 15: ABI/Inform (R) 1971-2011/Feb 17
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File 148: Gale Group Trade & Industry DB 1976-2011/Feb 18
(c) 2011 Gale/Cengage

File 160: Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275: Gale Group Computer DB(TM) 1983-2011/Dec 30
(c) 2011 Gale/Cengage

File 621: Gale Group New Prod. Annou. (R) 1985-2011/Dec 21
(c) 2011 Gale/Cengage

File 636: Gale Group NewsLetter DB(TM) 1987-2011/Feb 18
(c) 2011 Gale/Cengage

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(c) 2011 McGraw-Hill Co., Inc

File 149: TGG Health & Wellness DB(SM) 1976-2011/Feb W
(c) 2011 Gale/Cengage

File 444: New England Journal of Med. 1985-2011/Feb W
(c) 2011 Mass. Med. Soc.

Set Items Description

S1 12784394 MEDICAL OR MEDICAL OR CARRIER OR CARRIERS OR VEHICLE OR VEHICLES OR CARD OR CARDS

S2 31006272 STATUS OR STATE OR STATES OR CONDITIONS OR CONDITIONS OR CATEGORIES OR CATEGORIES OR MODE OR MODES

S3 758450 S2(4N) (ASSIGN? OR ALLOCAT? OR CONFER? OR DESIGNAT? OR INDICAT? OR IDENTIFI? OR IDENTIFI? OR SELECT? OR SPECIFY? OR SPECIFY?)

S4 418709 INACTIVE OR "NOT"() (ACTIVE OR USEABLE OR USABLE OR ENABLE? - OR INABL? OR AVAILABL? OR ACCESSIBL?)

S5 691662 S2(4N) (RECORD? OR CAPTUR? OR STOR? OR SAVE? ? OR SAVING OR RETAI?N? OR MAINTAIN?)

S6 2766422 DATABASE OR DATABANK? OR DATA() (BASE OR BASES OR BANK OR BANKS OR FILE OR FILES OR SYSTEM? OR NETWORK? ?)

S7 1042459 S2(4N) (CHANG? OR MODIF? OR MANIPULAT? OR ADJUST? OR ALTER? OR AMEND? OR SWTOCH? OR UPDAT?)

S8 90373 S3(2S) S1

S9 18336 S5(100N) S6

S10 296 S8(10S) S9

S11 2838284 S2(30N) (S4 OR ACTIVE OR ACTIVAT? OR ACTUAT? OR FUNCTION? OR WORK? OR OPERATIONAL)

S12 111 S10(10S) S11

S13 25 S12 NOT PY>1995

S14 24 RD (unique items)

S15	46	S10(10S) S7
S16	14	S15 NOT PY>1995
S17	13	RD (unique items)
S18	27	S14 CR S17
S19	27	RD (unique items)

19/3, K/1 (Item 1 from file: 15)
DI ALCG(R) File 15: ABI/Inform(R)
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01115110 97-64504
Hot database backups on UNIX
Jones, Earl
UNIX Review v13n12 PP: 45-53 Nov 1995
ISSN: 0742-3136 JRNLD CODE: UXR
WORD COUNT: 4476

...TEXT: backup media and the information that is on that media becomes critical. Hot backup enables the DBA to recover only the corrupt portions of the database. Therefore, the ability to locate the appropriate backup media and the data's location on the tape quickly is very important to reduce recovery times.

When performing a hot backup, it is impractical to place the entire database into backup mode. If this is attempted, the transaction logs will grow at an accelerated pace and can exceed the ability of the UNIX file system to store them. With the increasing size of RDBMS implementations, develop a process to place portions of the database into backup mode, back them up, capture the redo logs associated with the backup, and then move on to the next area of the RDBMS. When considering how to segment the database into logical components for backup, consider the type of information as well as related information that can be grouped together easily. This smoothes the recovery...

...backup refers to the process of reading the physical storage mechanism used by the database (raw partitions or UNIX files) and copying them to backup media, usually tape. If the RDBMS in use supports the process of doing a physical hot backup (Oracle, for example), several steps need to occur. The first step is to place the designated tablespace into backup mode. When this happens, updates that are directed to that tablespace are placed in transaction logs. After the tablespace has been successfully placed into backup mode, the physical structure is copied to the backup media. After the backup, the tablespace is taken out of backup mode, and the updates waiting in the transaction logs are applied to the tables.

Not all RDBMSs allow this method of executing a physical hot backup of the underlying...

...backup employs the utilities supplied by the RDBMS vendor and involves exporting information from the RDBMS tables. These procedures are known as export and import functions. When doing logical hot backups of the database, similar steps are performed as with physical hot backups. The tablespace is placed into backup mode, the data is exported to the backup media, the tablespace is taken out of backup mode, and a refresh from the transaction logs occurs.

Several reasons can be given for utilizing both the...

19/3, K/2 (Item 2 from file: 15)
DI ALCG(R) File 15: ABI/Inform(R)

00947724 95-97116

Computer currency

Laric, Shai; Laric, Michael V

Journal of Consumer Marketing v11n4 PP: 65-70 1994

ISSN: 0736-3761 JRNLD CODE: JCK

WORD COUNT: 3369

...TEXT: software, there is probably nothing with such wide appeal to marketers as the contact management program category. Several of our readers suggested that we investigate specific contact management programs. The category spans DOS and Windows-based offerings, and ranges from programs that are stronger on personal information management and scheduling features to those with better communications...

...from Elan Software.

In this issue, we review Symantec's ACT! for Windows 2.0 and several related items. One, CardGrubber, is a portable business card scanner which can convert the card's printed words and numbers into electronic information, usable in ACT!. The other, TopList, is a series of business data collected by the city. Like...
...insert a new, save, and a report button), a quick phone list, and a regular phone list.

To the left of the screen is a status area with movement buttons (next, previous, last, first), a number indicating the total number of contacts currently active, total number of records, and current level of search. The bottom of the status bar has the date and time.

One feature which DOS users of ACT! will appreciate is that, in Windows, the record is always in Edit mode, saving keystrokes or button clicks. When the mouse pointer is out of a data entry field, it reverts back to an arrow. The need to have...

...the rule of thumb which worked so well on many other software packages: "When in doubt--ESC".

The first record that appears always (in every database) is "My Record", which was filled during the install program. Since the user is the one with whom all activities intersect, this "My Record" is...

19/3, K/3 (Item 3 from file: 15)

DI ALCO(R) File 15: ABI/Inform(R)

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00884598 95-33990

How to use (and choose) the right Windows contact manager

O Flaherty, Tom

Telemarketing Magazine v12n12 PP: 46-47+ Jun 1994

ISSN: 0730-6156 JRNLD CODE: TLM

WORD COUNT: 3168

...TEXT: contact manager should also allow an unlimited number of user-defined fields to be attached to any of those records. Telemarketing can thus track table categories, such as the company's industry, contact/individual function and position, and level of interest in a particular product. Listed under these categories would be specific values or "items," such as (for industry): plastics distribution, oil exploration or refining, computer hardware; or (for position/function): manager, industrial sales; engineer, oil drilling; vice president, product development.

This indexed, relational, two-tier category/items approach offers definite advantages in terms of increased functionality and flexibility. You're not forced to rigidly describe all the data for all prospects in a highly structured manner, whether or not you need... . . . can add an unlimited number of items, such as "screws," "nuts," "bolts," "nails" and "washers" to a prospect's record.

Since they're relational, any changes or deletions of these categories and items will ripple throughout your database, updating all records. You can also define an unlimited number of indexed user fields by including as many...

...1, and so on, to cover all product information you send out by mail, courier or fax.

ENTERING THE DATA INTO THE CONTACT MANAGER

Once categories have been assigned, you must next move the information on telemarketing target prospects--organizations, individual names, addresses, telephone and fax numbers--into your contact manager. Is this contact information in "hard copy" (boxes of returned "bingo" card leads from display ads or direct mail); existing customers already part of an electronic database; a purchased list either on paper, database on diskettes or on CD-ROM or any combination of these? The format affects how the information will be "imported" into the contact manager.

Importing call prospects--the telemarketing database--should be done by trained data-entry clerks, transposing the paper information into the contact manager's electronic company/contacts ... paper-to-PC keying chore with predefined data-entry tables.

For example, instead of typing in people's titles, salutations, names of cities, countries or state abbreviations, when in that record's areas (or "fields"), hitting a key pops up an alphabetical list of possible entries--the chosen entry is automatically inserted by a simple mouse...

...key.

A good contact manager should also have a good "import/export" function to easily move data already in electronic form (for example, from a database program or purchased on diskettes) into and out of itself. At a minimum you should be able to import that data in industry-standard ASCII...

19/3, K/4 (Item 4 from file: 15)
DI AL03(R) File 15: ABI / Inform(R)
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00781893 94-31285
New York State Archives and Records Administration
Anonymous
Bulletin of the American Society for Information Science v20n1 PP: 16-17
Oct/Nov 1993
ISSN: 0095-4403 JRNL CODE: BAS
WORD COUNT: 1325

...TEXT: expansive amount of information, more and more of which is in electronic form. The State Archives and Records Administration (SARA) operates programs to insure that state and local government records remain usable and accessible as long as they are needed.

SARA has two major programs for addressing electronic records management

issues...

...executive branch agencies of New York State government. The Local Government Records program works with the 4,000 units of local government throughout the state.

STATE GOVERNMENT RECORDS

In 1985 SARA secured funding from the state legislature to explore the implications of what was called "special media records," including computer-generated electronic records, for the state's archival records program. Using a fairly traditional approach to identify the extent of information in electronic form and analyze the issues associated with access to and preservation of electronic records, the Special Media Records Project identified more than 1000 automated information systems and analyzed several of these systems in depth.

Through the project, SARA learned that most state agencies maintain several large administrative database systems. Examples include the Computerized Criminal History System which maintains criminal histories on thousands of individuals; the Basic Educational Data System which collects demographic and financial data from New York's public and private schools; and the Vital Records System which maintains information on vital life...

...the day-to-day work of the agencies they serve, but they also contain some of the most valuable statistical information created or collected by state government.

The published findings of the Special Media Records Project, A Strategic Plan for Managing and Preserving Electronic Records in New York State Government, articulated a program development framework for SARA to foster sound management and selective preservation of state government's electronic records. The plan identified the techniques and resources needed to address electronic records management and proposed to integrate these techniques and resources...

...systems, complementing the existing archival program for paper, microfilm and audio-visual records. SARA has accessioned and made available a variety of data sets.

Electronic records produced by state agencies are created to serve program needs. Often, these records are not in a standard format and are not designed with long-term preservation or secondary use in mind. SARA faces the challenges of preserving records stored in relational databases, local area networks, digital imaging systems and virtually any other information storage and retrieval configuration available. SARA's long-range goal is to develop services...

...the requirements for its use are and what restrictions or protection are afforded to the data.

To meet this challenge, SARA and the New York State Library are leading an effort to establish an information locator system for state government information, building on work previously done for health and mental health programs by the New York State Forum for Information Resource Management.

In 1992 SARA received funding from the National Historical Publication and Records Commission for the "Building Partnerships Project," a two...data on policies and approaches used by agencies to manage electronic records and identify model or exemplary policies and methods that have been implemented in state agencies.

Although much of SARA's work focuses on meeting specific agency needs, the organization is also involved in activities that address broader

issues for electronic records in all state agencies. SARA advocates the development of government information policies on such issues as access, dissemination and privacy protection in ways that support the records and...

19/3, K/5 (Item 5 from file: 15)
DI ALCG(R) File 15: ABI/Inform(R)
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00662411 93-11632
Maximizer 1.0 packs a whole lot of power
Marshall, Patrick
InfoWorld v15n3 PP: 80-81 Jan 18, 1993
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 2933

...TEXT: characters long) to pop into the field, select the Table category.

Maximizer's records are fully editable, with one exception--once you've set a category type, you can change its name but not its type.

You can attach an unlimited number of notes to each Maximizer record, although each note is limited to 9...

...you search by category. Then you can enter multiple categories as search terms and instruct the program to gather either records that contain all the specified categories or records that contain at least one of the specified categories.

Thus, performing complex searches involving multiple terms requires you to perform sequential searches, progressively narrowing the resulting list as you go. In addition, certain types of nested arguments cannot be performed at all. Finally, you are restricted to searching the database field by field--there is no global search. We rate searching capabilities good.

Scheduling and telephone: Maximizer's scheduler is complete, though it is clearly...generally quite easy to learn due to the streamlined simplicity of its design, hard-copy tutorials (found in the quick-start guide), and the sample database. However, there are a few problems. For example, if you try to search on the Company field in a list of individual clients, you won...

...to use that field in your search. In addition, it would be helpful if there were better on-screen cues. The procedure to attach a record to a category is unintuitive. For example, you highlight a record, then select the Category icon (a hand holding index cards), and then press Insert to add a category to that record. There are no on-screen cues to tell you those are the steps you need to perform and new users will need to consult the manual.

The program would be easier to learn if there were a status line to inform users about a button's functions. Despite these problems, Maximizer can be learned by most users in only a few hours. We rate ease of learning good.

EASE OF USE:

Maximizer...

19/3, K/6 (Item 6 from file: 15)
DI ALCG(R) File 15: ABI/Inform(R)
(c) 2011 ProQuest Info&Learning. All rights reserved.

00639651 92-54591
Am Pro 3.0: Leader in Word Processor Race
Lombardi, John
InfoWorld v14n39 PP: 84-85 Sep 28, 1992
ISSN: 0199-6649 JRNL CODE: I FW
WORD COUNT: 2660

...TEXT: in WSI WG mode. We rate layout excellent.

Mail merge: Am Pro's mail merge capabilities include ready-made templates for Avery labels, a simple cardfile database system selection of records with conditions that you can nest to three levels (but without wild cards), and access to macro features and date and time stamping. Although the mail merge is very strong, you cannot merge an entire file to the...

...apply the formatting characteristics of the master document to the data elements or vice versa.

The mail merge supports files from a range of common database programs that produce ASCII files or native dBase, Paradox, Excel, and Lotus files. We rate mail merge excellent.

Style sheets: In Am Pro you control...

...support earn an excellent rating.

Reference tools: Am Pro supports comprehensive outlining with collapsing levels, prompting and demoting, automatic numbering, and the capability to rearrange categories. The table of contents and indexing work across multiple files through a master document, and the table of contents supports nine levels. The index does not permit a concordance or exclusion file...

19/3, K/7 (Item 7 from file: 15)
DIALOG(R) File 15: ABI/Inform(R)
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00532067 91-06411
The Key to Capture
Richardson, Mack W; Overton, W C
Security Management v35n1 PP: 54, 56 Jan 1991
ISSN: 0145-9406 JRNL CODE: SEM
WORD COUNT: 1486

...TEXT: the public on the advantages of the system Using Idaho's video studio resources and talent, the tape focused on the advantages of a shared database.

By September 1988, NEC Information Systems Inc. had been selected to provide equipment. By June 1989, Idaho, Nevada, Oregon, Utah, and Wyoming had obtained funding to oversee vendor operations, and ensure that contractual requirements were met.

The WN host computer was installed in Sacramento, CA, and 900,000 print records from five states were converted to AFIS data and loaded into the system. Remote subsystems were installed in Boise, ID; Carson City, NV; Cheyenne, WY; Portland, OR; Salem, OR; and Salt Lake City, UT. Booking terminals are slated to be installed in numerous locations throughout these states. Alaska, California, and Washington systems are currently being connected to the WN system.

The WN AFIS, now fully operational, is capable of processing 24,240 arrest cards and 4,500 crime scene latent prints a month against an available data base of 8.2 million criminal fingerprint records. With the pooling of data from individual states, contiguous states' records can also be searched as necessary. Since crime knows no borders, the probability of hits increases greatly.

During the first eight months of operation, WN...

...the WN system. First, as mentioned above, by searching the print files of other states, individuals who are in the habit of operating in adjacent states are being identified. Criminals move from state to state so that if they are caught, they can use an alias and try to get off as a first offender. WN now allows...

...are equally promising. In Nevada, the gaming industry is highly interested in being able to identify applicants who are using an alias on their applicant cards. The ability to match prints and gain a more accurate identification is useful for this business. The gold mining and processing industry is also interested...

19/3, K/8 (Item 1 from file: 148)
DI ALCG(R) File 148: Gale Group Trade & Industry DB
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08425511 SUPPLIER NUMBER: 17869091 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The Colorado Highway Safety Management System
Public Works, v126, n13, p42(3)
Dec, 1995
ISSN: 0033-3840 LANGUAGE: English RECORD TYPE: Full text; Abstract
WORD COUNT: 3740 LINE COUNT: 00318

...continuously grow, change and evolve, and it is planned that the programs and projects will be reviewed and evaluated for refinements. Once the SMS is operational, it is planned that Focal Point in cooperation with the Steering Committee will perform a system evaluation study which will address the following: the system status, attainment of goals and objectives, opportunities for improvement, adherence to the eight key elements and plans for the upcoming year.

19/3, K/9 (Item 2 from file: 148)
DI ALCG(R) File 148: Gale Group Trade & Industry DB
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08200793 SUPPLIER NUMBER: 17610315 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Buy yourself some time. (software programs for cargo shippers) (includes related article)
Traffic Management, v34, n9, p39(4)
Sep, 1995
ISSN: 0041-0691 LANGUAGE: English RECORD TYPE: Full text; Abstract
WORD COUNT: 2327 LINE COUNT: 00211

...IBM AS/400 hardware. Also available from AR Traffic Consultants is: 134/Cal-Route, which finds the lowest-cost routing and scheduling options by comparing all modes. Cal-Route can accommodate companies within-house fleets.

135/CSC Consulting makes Trans-Plan 2000, a Windows-based program that provides both operational functions like freight consolidation, carrier and mode selection, and rate management, and strategic planning functions such as performance monitoring, support for rate negotiation, carrier-performance analysis, and shipment-trend analysis. CSC also offers:

136/ LOCATE for Windows, a facility-location planning tool.
137/ Continental Traffic Service Inc. now offers...

19/ 3, K/ 10 (Item 3 from file: 148)
DI ALOG(R) File 148: Gale Group Trade & Industry DB
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07517011 SUPPLIER NUMBER: 16059123 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Axciom (Axciom Corp.) (1994 Corporate Reports: A Supplement to Arkansas
Business) (Company Profile)
Arkansas Business, v11, n34, pS22(2)
August 22, 1994
DOCUMENT TYPE: Company Profile ISSN: 1053-6582 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 1565 LINE COUNT: 00133

... offer specialized products and services.
A new strategic partnership is helping Axciom further penetrate the
intensely competitive and closely regulated insurance industry, which faces
frequently-changing state and federal legislation. Axciom
RM-Tools, Inc., (a wholly owned subsidiary of Axciom) and Fair, Isaac and
Company, Inc., recently announced a software development and...

19/ 3, K/ 11 (Item 4 from file: 148)
DI ALOG(R) File 148: Gale Group Trade & Industry DB
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07309176 SUPPLIER NUMBER: 15497826 (USE FORMAT 7 OR 9 FOR FULL TEXT)
How to use (and choose) the right Windows contact manager.
O'Flaherty, Tom
Telemarketing, v12, n12, p46(7)
June, 1994
ISSN: 0730-6156 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 3418 LINE COUNT: 00276

... this contact information in "hard copy" (boxes of returned "bingo" card leads from display ads or direct mail); existing customers already part of an electronic database; a purchased list either on paper, database on diskettes or on CD-ROM or any combination of these? The format affects how the information will be "imported" into the contact manager.

Importing call prospects -- the telemarketing database -- should be done by trained data-entry clerks, transposing the paper information into the contact manager's electronic company/contacts or individual "records" at their...

...tedious paper-to-PC keying chore with predefined dataentry tables.
For example, instead of typing in people's titles, salutations, names of cities, countries or state abbreviations, when in that record's areas (...key).

A good contact manager should also have a good "import/export" function to easily move data already in electronic form (for example, from a database program or purchased on diskettes) into and out of itself. At a minimum you should be able to import that data in industry standard ASCII format...

19/ 3, K/ 12 (Item 5 from file: 148)
DI ALOG(R) File 148: Gale Group Trade & Industry DB
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06368859 SUPPLIER NUMBER: 13335222 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Maximizer 1.0 packs a whole lot of power. (Richmond Technologies Inc. contact manager for Microsoft Windows) (Evaluation)

Marshall, Patrick

InfoWorld, v15, n3, p80(2)

Jan 18, 1993

DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3159 LINE COUNT: 00252

... you search by category. Then you can enter multiple categories as search terms and instruct the program to gather either records that contain all the specified categories or records that contain at least one of the specified categories.

Thus, performing complex searches involving multiple terms requires you to perform sequential searches, progressively narrowing the resulting list as you go. In addition, certain types of nested arguments cannot be performed at all. Finally, you are restricted to searching the database field by field -- there is no global search. We rate searching capabilities good.

Scheduling and telephone: Maximizer's scheduler is complete, though it is clearly... steps you need to perform and new users will need to consult the manual.

The program would be easier to learn if there were a status line to inform users about a button's functions. Despite these problems, Maximizer can be learned by most users in only a few hours. We rate ease of learning good.

Ease of Use:
Maximizer...

19/3, K/13 (Item 6 from file: 148)
DI ALCG(R) File 148: Gale Group Trade & Industry DB
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06195920 SUPPLIER NUMBER: 12804235 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Ami Pro 3.0: leader in word processor race; updated Windows package earns points for drag-and-drop editing, flexible formatting. (Software Review)

(from Lotus Development Corp.) (Evaluation)

Lombardi, John

InfoWorld, v14, n39, p84(2)

Sept 28, 1992

DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2917 LINE COUNT: 00256

... support earn an excellent rating.

Reference tools: Ami Pro supports comprehensive outlining with collapsing levels, promoting and demoting, automatic numbering, and the capability to rearrange categories. The table of contents and indexing work across multiple files through a master document, and the table of contents supports nine levels. The index does not permit a concordance or exclusion file...

19/3, K/14 (Item 7 from file: 148)
DI ALCG(R) File 148: Gale Group Trade & Industry DB
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06090357 SUPPLIER NUMBER: 12502659 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New products fuel record sales for Yamaha keyboard division. (Yamaha Corporation of America)

Music Trades, v140, n6, p66(5)

July, 1992

ISSN: 0027-4488

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2160 LINE COUNT: 00170

... then be mastered for the Disklavier at the Smithsonian's "Play It Again" exhibit, allowing each museum visitor to call up his or her own state song on the touch-activated color monitor.

Yamaha's now has 16 full-time members in its Piano Services Department. "Piano Services is not just an 800 number to call..."

19/3, K/15 (Item 8 from file: 148)
DI ALCG R File 148: Gale Group Trade & Industry DB
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05448997 SUPPLIER NUMBER: 11238928 (USE FORMAT 7 OR 9 FOR FULL TEXT)
KnowedgeSeeker: statistics for the rest of us. (PC Monitor) (column)
Per ez, Ernest
Database, v14, n5, p96(3)
Cct, 1991
DOCUMENT TYPE: column ISSN: 0162-4105 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 2754 LINE COUNT: 00228

... to define standard data import. You may save a complex definition or import process for new data sets. A template can include a combination of conditions, specified fields, translations, range conversions, etc. Just like a spreadsheet template, this will save much work in producing recurring reports.

EASE OF USE
General program operation is a breeze. This program is a true "Black Box," where You Put's In Your...

19/3, K/16 (Item 9 from file: 148)
DI ALCG R File 148: Gale Group Trade & Industry DB
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05208214 SUPPLIER NUMBER: 10393444 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The key to capture. (automated fingerprint identification system)
Ri chardson, Mack W; Overton, W.C.
Security Management, v35, n1, p54(2)
Jan, 1991
ISSN: 0145-9406 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1568 LINE COUNT: 00125

... the WN system. First, as mentioned above, by searching the print files of other states, individuals who are in the habit of operating in adjacent states are being identified. Criminals move from state to state so that if they are caught, they can use an alias and try are caught, they can use an alias and try to...

... are equally promising. In Nevada, the gaming industry is highly interested in being able to identify applicants who are using an alias on their applicant cards. The ability to match prints and gain a more accurate identification is useful for this business. The gold mining and processing industry is also interested...

19/3, K/17 (Item 10 from file: 148)
DI ALCG R File 148: Gale Group Trade & Industry DB
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05093458 SUPPLIER NUMBER: 09352514 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The secret world of SF=. (subfile? source file? and other possible meanings)

Basch, Reva
Dat abase, v14, n1, p13(6)
Feb, 1991

ISSN: 0162-4105 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 4686 LINE COUNT: 00412

... LIMT by those elements as well and, as I mentioned earlier, LIMTing is probably faster. Both the directory and the financial dat sheets contain an SF category called Inspection Advised; this indicates that paperwork relative to the firm's liquidation has been filed at Companies House, the U.K. equivalent of the SEC. The financial dat sheets also...

... Software and Wholesaler) that correspond in part to other Bowker print and electronic publications. Despite the mixed use of the field to indicate business activity, media type or linkage with another Bowker directory, it does provide the only controlled access point for searching on these attributes.

THE EDUCATIONAL DIRECTORY (File 511...)

19/3, K/18 (Item 11 from file: 148)
DI ALCG(R) File 148: Gale Group Trade & Industry DB
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04884814 SUPPLIER NUMBER: 09646687 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Multi-Tech Systems Inc. Multi Modem V32 MT932EAB. (Hardware Review) (one of
seven evaluations of 9,600-bps modems in 'Breaking the speed barrier.'
(evaluation))

Byrd, M ke
PC Magazine, v9, n21, p333(3)

Dec 11, 1990
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 990 LINE COUNT: 00080

... switches. You couldn't ask for a design that is easier to set up. The package offers an interactive automatic-dialing capability and a command mode option. You can store up to ten commands or telephone numbers in the modem's nonvolatile memory. The modem can recognize dial tones and busy signals for reliable call...

...it emerged as the general winner for four of the impaired line tests. It also tied with the Microcom unit as the winner for transferring database files, and it won the race to transmit graphics files. It came in third for transferring noncompressible files, but only by a small margin. Overall...

... V.32 modems remains an issue. The Hayes Ultra 96 and the Courier HST Dual Standard connected successfully with the MT932EAB in the host (answer) mode. But when the MT932EAB functioned as the calling modem it did not connect with the Ultra 96, and it aborted file transfers with the Dual Standard. Although the MT932EAB connected...

19/3, K/19 (Item 12 from file: 148)
DI ALCG(R) File 148: Gale Group Trade & Industry DB
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04867508 SUPPLIER NUMBER: 09100736 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Electronic records management in state government: planning for the
information age.

Flitcher, Patricia T.
Records Management Quarterly, v24, n4, p26(7)

Oct., 1990

ISSN: 1050-2343 WORD COUNT: 4539

LANGUAGE: ENGLISH LINE COUNT: 00406

RECORD TYPE: FULLTEXT

... into the statewide records management programs. Seven objectives were identified and twenty-seven activities were specified as necessary for the success of the program. A workplan for their implementation was set forth.

The New York state plan addresses both mainframe-based systems which are more centralized in context, and microcomputer based systems which are more end-user oriented and controlled. It addresses the records analysis and disposition function, the agency services function, and the archival services function, coordinating these three functions in a comprehensive manner. Over the next five years the State Archives and Records Administration plans to work with advisory groups and with the state agencies to develop guidelines to identify and describe electronic records, and for the retention and selective preservation of these records as well. Included in their...

...Syracuse University, the National Association for Information Systems, and by the following information industry companies: Bell South, Bell Worldwide Information Systems, Digital Equipment Corporation, Electronic Data Systems, IBM Corporation, NCR Corporation, NYNEX Corporation, Pegasus Computers, Prime Computers, Inc., Tandem Computers, Inc., UNISYS Corporation, and US WEST Communications. The article does not necessarily...

...University School of Information Studies, 1989.

(1.) Michael E. Holloman, Brad Kholowitz, and Sam Sizer, "Planning and Implementing a Program for Managing the Machine-Readable Records of Oklahoma State Agencies," (Oklahoma, 1983).

(2.) Betty R. Ricks and Kay F. Gow, Information Resource Management (Oklahoma: South-Western Publishing Co., 1984), 469-474.

(3.) Mark Langenberg, " (State of Washington, 1988): 1-2.

(10.) State Archives and Records Administration, A Strategic Plan for Managing and Preserving Electronic Records in New York State Government: Final Report of the Special Media Records Project (Albany, 1988), 4-6. In New York, the State Records Center currently provides off-site storage for inactive magnetic tapes and backup files. In FY 1987-88 this activity increased approximately 20% with the Records Center handling about 150,000 reels of tape; see State Archives and Records Administration, Strategic Plan, 29.

(11.) Cary, "Machine Readable Records," 1.

(12.) The program underway in New York State includes regular maintenance procedures...

19/3, K/20 (Item 13 from file: 148)
DI ALCO/R File 148: Cal Group Trade & Industry DB
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02476240 SUPPLIER NUMBER: 03918040 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Weather to be; the most colorful use of micros in environmental research is in the analysis of images from earth-orbiting spacecraft.

Kogut, Bertha B.
Creative Computing, v11, p14(2)

Sept., 1985

ISSN: 0097-8140 WORD COUNT: 1024

LANGUAGE: ENGLISH LINE COUNT: 00085

RECORD TYPE: FULLTEXT

...Automated Local Evaluation in Real Time) micros serve as base stations for a network of flood sensors which transmit to local communities river and stream conditions indicating the onset of flooding. Many local agencies also want to use the system to monitor fire hazard

conditions, air pollution, water conservation, and high wind...

19/3, K/21 (Item 1 from file: 275)
DI ALOG(R) File 275: Gale Group Computer DB(TM)
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01871575 SUPPLIER NUMBER: 17726036 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Hot database backups on UNIX. (Technology information)
Jones, Earl
UNIX Review, v13, n12, p45(7)
Nov, 1995
ISSN: 0742-3136 LANGUAGE: English RECORD TYPE: Full text; Abstract
WORD COUNT: 4260 LINE COUNT: 00342

... backup media and the information that is on that media becomes critical. Hot backup enables the DBA to recover only the corrupt portions of the database. Therefore, the ability to locate the appropriate backup media and the data's location on the tape quickly is very important to reduce recovery times.

When performing a hot backup, it is impractical to place the entire database into backup mode. If this is attempted, the transaction logs will grow at an accelerated pace and can exceed the ability of the UNIX file system to store them. With the increasing size of RDBMS implementations, develop a process to place portions of the database into a backup mode, back them up, capture the redo logs associated with the backup, and then move on to the next area of the RDBMS. When considering how to segment the database into logical components for backup, consider the type of information as well as related information that can be grouped together easily. This smooths the recovery...

... backup refers to the process of reading the physical storage mechanism used by the database (raw partitions or UNIX files) and copying them to backup media, usually tape. If the RDBMS in use supports the process of doing a physical hot backup (Oracle, for example), several steps need to occur. The first step is to place the designated tablespace into backup mode. When this happens, updates that are directed to that tablespace are placed in transaction logs. After the tablespace has been successfully placed into backup mode, the physical structure is copied to the backup media. After the backup, the tablespace is taken out of backup mode, and the updates waiting in the transaction logs are applied to the tables.

Not all RDBMSs allow this method of executing a physical hot backup of the underlying...

... backup employs the utilities supplied by the RDBMS vendor and involves exporting information from the RDBMS tables. These procedures are known as export and import functions.

When doing logical hot backups of the database, similar steps are performed as with physical hot backups. The tablespace is placed into backup mode, the data is exported to the backup media, the tablespace is taken out of backup mode, and a refresh from the transaction logs occurs.

Several reasons can be given for utilizing both the...

19/3, K/22 (Item 2 from file: 275)
DI ALOG(R) File 275: Gale Group Computer DB(TM)
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01541032 SUPPLIER NUMBER: 12739405 (USE FORMAT 7 OR 9 FOR FULL TEXT)
dBase IV's QBE. (Ashton-Tate Corp.'s data base management system
query-by-example) (Database Report)
Liczbarski, Michael; Perschke, Susan

Data Based Advisor, v10, n10, p52(4)

Cct, 1992

ISSN: 0740-5200

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1092

LINE COUNT: 00086

... that's dynamically resized in version 1.5 according to the length of the typed-in text) in which the user can place examples to specify selection conditions. The user can also specify links between files.

When building conditions, QBE supports dBASE functions and relational and comparison operators (for instance .CR, +, -, =, AVG, SUM, etc.). Pattern and soundex searches (LIKE . . ., SOUNDS LIKE . . .) and wild cards (LIKE "NEW") are also supported. Query operators (such as Update, Group By, Every, First, etc.) can be used to specify file-wide operations and conditions. Each field can have more than one assigned condition or link, with various operators mixed and matched with great flexibility. Files can be linked and cross linked as long as there's no circular...

... by another user may or may not be reflected in the query depending on when the update is performed. Therefore, no exclusive use of the database file is required. However, if the index tag specified in the query doesn't exist at runtime, the file must be used exclusively while creating the index. A query will fail if the database file being queried is in exclusive use by another user.

The QBE in version 1.1 (and earlier) used the SET FILTER TO command to limit the scope of processed records. Of course, since SET FILTER is inherently slow (each record is compared to the condition), processing queries on big files was unacceptably slow. Version 1.5 added the same optimizing techniques found in the new extensions to the dBASE language...

...from session to session.

One special form of the dBASE query is an "Update Query" in which all (or a subset) of the data is changed based on specified conditions and ranges. The update query can replace data, append data, delete records, and delete records. These operations are possible even on queries that include more than one file (but...).

19/3, K/23 (Item 3 from file: 275)
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01505605 SUPPLIER NUMBER: 11962502 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Practice makes perfect; Recital eases the drudgery of database development.

(Software Review) (Recital 7.1 fourth-generation language
application development environment and relational database management
system) (Evaluation)

Levine, Marty

LAN Computing, v3, n3, p29(2)

March, 1992

DOCUMENT TYPE: Evaluation

ISSN: 1055-1808

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1798

LINE COUNT: 00141

... written in Recital code and can be modified.

The Assistant screen displays a menu bar on line one of the display. Lines two through 22 display database and other information. The status bar on line 23 provides information such as the current command in use, currently selected file, update/query mode, selected and record position. Commands relating to menu operation are shown directly above the status bar. The line below the status bar provides input prompts as well as messages outlining the current

operation.

Selections can be made to set up structures, modify records, retrieve information, perform global database and file utility operations, and activate the online help system from the menu bar. All Assistant menus have an extensive help system including a How Do I option.

Additional menus with subselections are given with each item enabling inexperienced users to develop small to medium sized applications with an easy-to-use interface.

This is unlike other database systems, which require users to either be knowledgeable of the precise syntax...

19/3, K/24 (Item 4 from file: 275)
DI ALCO R File 275: Gale Group Computer DB(TM)
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01460290 SUPPLIER NUMBER: 11455985 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Dynodex 2.0 serves up power and speed. (Portfolio Systems Inc.'s Dynodex 2.0 desktop accessory software) (includes related article on product information) (Software Review) (Evaluation)

Jaroslavsky, Rich
Computer Shopper, v11, n11, p627(2)

Nov. 1991

DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1033 LINE COUNT: 00076

... three "Key" fields that are user-definable and can categorize records for other purposes. Despite their flexibility, though, these fields are no match for the Category function in Power Up's Address Book Plus 2.0, which is Dynodex's archival. On the other hand, Dynodex's Note field stores up to...

...the bottom of the page to have the program print out a "Dynet"--a mini address book, each page about the size of a credit card. You may be driven blind trying to read it, but you can tuck it into a wallet or purse.

Any tab-delimited or comma-delimited...

...that Dynodex can use. Data from Dynodex can be exported to a Mac word processor--thus facilitating mail merges--and also to full-feature Mac databases and spreadsheets.

All in all, while Dynodex 2.0 needs a few more fields and a better way of assigning records to categories, it is still all the address-book software many users will need. For now, Dynodex is about as good as it gets.

Rich Jaroslavsky is...

19/3, K/25 (Item 5 from file: 275)
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01304031 SUPPLIER NUMBER: 07458270 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Build it yourself: text application tools. (Syntaxics' Crystal series and Deucalion's Tomahawk)
Release 1.0, v89, n6, p19(4)
July 13, 1989
ISSN: 1047-935X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2257 LINE COUNT: 00175

number of items and insert that number (spelled out) in the phrase 'the following - items'..." or "If sex = female, use she; otherwise, use he" in designated places. Crystal P-Mode can also easily incorporate tables (properly positioned and with headings repeated if a table spills over to additional pages), lists with bullets or numbers, and

... a mode closer to XL/Doc where the user or application is manipulating data and can produce formatted documents as required. For example, a single database application might use any of a number of Crystal documents, according to the data -- report card, notice to parents, letter to college admissions officer, letter to truant officer; or first notice, second notice, final warning, cement shoes requisition, letter to next... system builds the proper document structure as determined by the data. In essence, the first mode is oriented to massproduction of one document for many records, whereas the second mode allows many documents from each record.

Crystal DNS runs on UNIX and DOS, while the newer product requires a UNIX environment for all its capabilities. Founder Erwin Morton stresses the openness of Crystal P-Mode: Developers/users can modify the language to add their own commands or subroutines, and it can drive PostScript systems as well as letter printers. However, it is targeted to

19/3, K/26 (Item 6 from file: 275)
DI ALCG (R) File 275: Gale Group Computer DB (TM)
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01304026 SUPPLIER NUMBER: 07456826 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The wonderful world of text. (overview of special issue on text software)
RELEASE 1.0, v89, n6, p1(3)

July 13, 1989

ISSN: 1047-935X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 12854 LINE COUNT: 01002

APPLICATION TOOLS

By contrast with the applications above, the smarts in the tools below are more general. The Crystal series and Decimation's Tomahawk both work with most SQL databases, and can be used to build documents incorporating a wide variety of data. Crystal Production Mode can even change a document's structure depending on the data it encounters; in fact, you could probably use it to build something along the lines of XL...

... number of items and insert that number (spelled out) in the phrase 'the following - items'..." or "If sex = female, use she; otherwise, use he" in designated places. Crystal P-Mode can also easily incorporate tables (properly positioned and with headings repeated if a table spills over to additional pages), lists with bullets or numbers, and... a mode closer to XL/Doc where the user or application is manipulating data and can produce formatted documents as required. For example, a single database application might use any of a number of Crystal documents, according to the data -- report card, notice to parents, letter to college admissions officer, letter to truant officer; or first notice, second notice, final warning, cement shoes requisition, letter to next...

... system builds the proper document structure as determined by the data. In essence, the first mode is oriented to massproduction of one document for many records, whereas the second mode allows many documents from each record.

Crystal DNS runs on UNIX and DOS, while the newer product requires a UNIX environment for all its capabilities. Founder Erwin Morton stresses the openness of Crystal P-Mode: Developers/users can modify the language to add their own commands or subroutines, and it can drive PostScript systems as well as letter printers. However, it is targeted to

19/3, K/27 (Item 1 from file: 636)
DI ALCO(R) File 636: Gale Group Newsletter DB(TM)
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02619835 Supplier Number: 45302239 (USE FORMAT 7 FOR FULLTEXT)
CHILD ABUSE AND NEGLECT (CD-ROM - NISC)

Online Newsletter, v16, n2, pNA

Feb, 1995

Language: English Record Type: Full text

Document Type: Newsletter; Trade

Word Count: 507

(USE FORMAT 7 FOR FULLTEXT)

ABSTRACT:

TEXT:

... The database contains over 18,000 bibliographic citations and abstracts of professional literature, primarily of U.S. origin. Publication sources include books, journals, government reports, conference papers, state annual reports, curricula, and unpublished papers. Coverage includes materials on family violence: documents (1986-92), court cases (1965-86), and editorials and letters to the...

... database contains bibliographic records of A/V materials intended for a full range of audiences, from children to childcare and law enforcement professionals. The various media include audio and video tapes, games, films, filmstrips with audio cassettes, puppets, multimedia packages, and anatomically correct dolls. -- The State Statutes database contains summaries of the legislative provisions related to child maltreatment in the 50 states and U.S. territories. The summarized state and federal codified statutes cover the legal aspects of reporting child abuse cases, procedure, admissibility of evidence, child testimony, and other related information. -- A National Organizations database profiles those organizations working at a national or international level to prevent child abuse and family violence or to provide treatment or assistance to victims. Each regularly updated record contains full contact information and brief descriptions of organizational focus as well as services and products provided. -- The Program Directories database contains bibliographic records on local, state, federal, national and international treatment programs, family and youth services, shelter services, mental health programs, sexual abuse prevention and treatment programs, self-help groups, networking resources, and related information. -- Also included on the CD-ROM is a Child Abuse and Neglect Thesaurus database which compiles all of the 1,850 standardized words and phrases used in indexing documents on child maltreatment. -- The CD-ROM is IBM PC compatible...